St. Paul Park Refining Co., LLC
A subsidiary of Marathon Petroleum Corporation

301 St. Paul Park Road
St. Paul Park, MN 55071

08

July 30, 2019

CERTIFIED MAIL:

7015 1520 0000 2883 0327

Air and Radiation Division
U.S. EPA, Region 5
77 West Jackson Blvd. (AE-17J)
Chicago, IL 60604.
Attn: Compliance Tracker

7015 1520 0000 2883 0334

Minnesota Pollution Control Agency
Air Quality Permit Document Coordinator
Majors and Remediation Division
520 Lafayette Road North
St. Paul, MN 55155-4194

RE: 40 CFR 63 Subpart EEEE (Organic Liquid Distribution MACT)
Semi-Annual Compliance Report

Dear Sir or Madam:

St. Paul Park Refining Co. LLC is providing the following semi-annual compliance report pursuant to 40 CFR 63.2343. The certification statement for this report is attached.

Company Name and Address:

St. Paul Park Refining Co. LLC
301 St. Paul Park Road
St. Paul Park, Minnesota 55071

Reporting Period:

January 1 through June 30, 2019

Any changes since Notification of Compliance Status:

There have been no changes at the site which would affect the sources subject to the emission limitations, operating limits, or work practice standards of this regulation. There have been no changes in service which would subject any existing storage tanks, transfer racks, equipment, or piping to control requirements. No new, modified, or reconstructed organic liquid storage tanks, transfer racks, or equipment or piping subject to this rule have been installed.

Please contact me at (651) 458-2616 if you have any questions.

Respectfully,

Herbert E. Owen, Jr., MSE, P.E.
HES Professional

Certification
Organic Liquid Distribution MACT
Semiannual Compliance Certification Report
January - June 2019

Certification for Organic Liquid Distribution MACT
Semiannual Compliance Report
January - June 2019

St. Paul Park Refining Co. LLC.

I certify under penalty of law that this information was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my directions and my inquiry of the person(s) who manage the system, or the person(s) directly responsible for gathering the information, the information in this submittal is, to the best of my knowledge and belief, true, accurate, and complete.

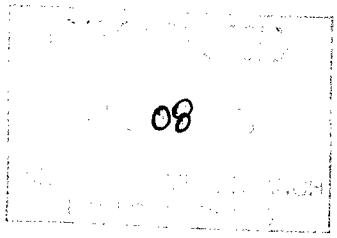
St. Paul Park Refining Co. LLC.

Tommy J. Chavez
Vice President and Refinery Manager

7-29-19
Date

CERTIFIED MAIL NO. 7013 2630 0000 9994 4393 **RETURN RECEIPT REQUESTED**

August 1, 2019



Director, Air and Radiation Division,
US EPA Region 5
77 W. Jackson Blvd.
Chicago, IL 60604-3590

Subject: ***ANNUAL REPORT***
MCES - Metro WWTF – MN Title V Permit 12300053-006, AQ File No. 879

To Whom It May Concern:

As required by *40 CFR 62.16030(c)* enclosed is the Annual Compliance Report and Certification for:

Metropolitan Wastewater Treatment Plant
Sewage Sludge Incinerators – FRB1, FBR2, FBR3
2400 Childs Road
St. Paul, MN

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

If you have any questions regarding the enclosed information, please feel free to contact Mary Gail Scott at (651) 602-1073.

Sincerely,

Leisa Thompson
General Manager

LT/tg

Enclosure

cc: FILE (Sharepoint – Submittals - AQ – Metro)

Joe Ward	Jeff Jax	Curtis.Stock@state.mn.us - MPCA
Scott Smekar	George Sprouse	AQRoutineReport.pca@state.mn.us
Larry Rogacki	Laura Fletcher	

390 Robert Street North | St. Paul, MN 55101-1805
Phone 651.602.1000 | Fax 651.602.1550 | TTY 651.291.0904 | metrocouncil.org
An Equal Opportunity Employer

METROPOLITAN COUNCIL

Annual Compliance Report 40 CFR 60.16030

(c) Annual compliance report. You must submit an annual compliance report that includes the items listed in paragraphs (c)(1) through (16) of this section for the reporting period specified in paragraph (c)(3) of this section. You must submit your first annual compliance report no later than 12 months following the submission of the initial compliance report in paragraph (b) of this section. You must submit subsequent annual compliance reports no more than 12 months following the previous annual compliance report. (You may be required to submit similar or additional compliance information more frequently by the title V operating permit required in § 62.16035.)

(1) Company name, physical address and mailing address.

Metropolitan Wastewater Treatment Plant
Sewage Sludge Incinerators – FRB1, FBR2, FBR3
2400 Childs Road
St. Paul, MN

(2) Statement by a responsible official, with that official's name, title and signature, certifying the accuracy of the content of the report.

In coverletter.

(3) Date of report and beginning and ending dates of the reporting period.

Reporting Period – 7/1/2018 – 6/30/2019

(4) If a performance test was conducted during the reporting period, the results of that performance test.

Performance test conducted on FBR2 in this period.

	Initial Test Date	**2nd Test Date**	**3rd Test Date**
FBR 1	3/24-1/2015	4-18-2016	4/30-5/1, 2019
FBR 2	3/24-1/2015	8/29-31/2016*	March 7-8, 2019
FBR 3	3/24-1/2015	4-18-2016	March 5-6, 2019

*The test was planned for 4/18/2016. Due to unplanned malfunction FBR was taken off-line for repairs, notification was sent to EPA.

			Metro FBR 1		Metro FBR 2		Metro FBR 3		Metro FBR 1		Metro FBR 2		Metro FBR 3	
Pollutant	Units (7% O2)	Existing Fluidized Bed	2nd Test 2016	% existing limit	2nd Test 2016	% existing limit	2nd Test 2016	% existing limit	3rd Test 4/30-5/1,2019	% existing limit	3rd Test 3/7-8/,2019	% existing limit	3rd Test 3/7-8/,2019	% existing limit
Cadmium	mg/dscm	0.0016	0.00028	9%	0.00058	36%	0.00014	9%	<0.00014	9%	0.0002	13%	0.00032	20%
CO	PPM dry volume	64	16.4	26%	6.6	10%	7.4	12%	3.7	6%	7.54	12%	7.07	11%
Dioxans/Furans (TMB)	ng/dscm	1.2	<0.0067	1%	<0.0031	0%	0.0000	0%	0.326	27%	<0	0%	0.0300	3%
Dioxans/Furans TEB	ng/dscm	0.1				0%	0.0000	0%	0.0015	2%	<0	0%	<0	0%
HCl	PPM dry volume	0.51	<0.04	8%	<0.044	9%	<0.04	8%	<0.27	53%	<0.24	47%	0.270	53%
Pb	mg/dscm	0.0074	0.0018	24%	0.00069	9%	0.0011	15%	0.0018	24%	0.00081	11%	0.00219	30%
Hg	mg/dscm	0.037	<0.00025	1%	<0.00024	1%	<0.00024	1%	<0.00017	0.5%	0.0002	1%	0.00062	2%
NOx	PPM dry volume	150	28	19%	13.8	9%	12.9	9%	22.46	15%	15.33	10%	16.61	11%
PM	mg/dscm	18	1.73	10%	1.84	10%	0.47	3%	1.09	6%	1.08	6%	1.4	8%
SO2	PPM dry volume	15	5.4	36%	5	33%	1.2	8%	0.85	6%	0.81	5%	2.92	19%
Fugitive Emission Ash Handling	visible emissions	5%		pass		pass		pass	0%	pass	0%	pass	0%	pass

(i) If operating limits were established during the performance test, include the value for each operating limit and, as applicable, the method used to establish each operating limit, including calculations.

All operating limits for site were updated this period, see attachment 3.

(ii) If activated carbon is used during the performance test, include the type of activated carbon used.

Type: Lignite coal based activated carbon
Product: Cabot Norit - Darco FGL

(5) For each pollutant and operating parameter recorded using a continuous monitoring system, the highest average value and lowest average value recorded during the reporting period, as follows:

(i) For continuous emission monitoring systems and continuous automated sampling systems, report the highest and lowest 24-hour average emission value.

No CEMS used for SSI emission compliance.

(ii) For continuous parameter monitoring systems, report the following values:

(A) For all operating parameters except scrubber liquid pH, the highest and lowest 12-hour average values.

	FBR 1		FBR 2		FBR 3	
Parameter	**High**	**Low**	**High**	**Low**	**High**	**Low**
Afterburner combustion temp (F)	1550	1378	1555	1365	1580	1358
Wet scrubber differential pressure (WC)	27	21.1	30.1	20.4	29	20
Wet scrubber liquid flow rate (gpm	1237	828	1276	908	1203	844
Power to ESP collection plates (watts)	3854.5	24.3	4296.1	56.3	1645.6	65.2
ESP Effluent (Inlet) Water Flow Rate (gpm)	1.3	0.0	1.2	0.0	1.2	0.2
Mercury sorbent injection rate (lbs/hr)	10.3	3.9	10.5	4.4	9.9	3.6
Mercury sorbent carrier gas flow rate (cfm)	60	58.5	60	54.24	60	51.17

(B) For scrubber liquid pH, the highest and lowest 3-hour average values.

	FBR 1		FBR 2		FBR 3	
Parameter	**High**	**Low**	**High**	**Low**	**High**	**Low**
Wet scrubber liquid pH, (SI)	7.3	5.8	8.3	5.8	6.7	5.7

6 If there are no deviations during the reporting period from any emission limit, emission standard or operating limit that applies to you, a statement that there were no deviations from the emission limits, emission standard or operating limits.

No emission limit deviations. No operating limit deviations for carbon flow rate, scrubber liquid flow rate, scrubber pressure drop, baghouse alarm, WESP inlet flow rate and WESP secondary power. Operating limit deviations exist for rest of control equipment – see deviation report submitted to EPA semi-annually for full report. Attachment 1 has excerpts from deviation reports.

(7) Information for bag leak detection systems recorded under § 62.16025(f)(3)(iii) - If a fabric filter is used to comply with the rule, the date, time and duration of each alarm and the time corrective action was initiated and completed, and a brief description of the cause of the alarm and the corrective action taken. You must also record the percent of operating time during each 6-month period that the alarm sounds, calculated as specified in § 62.16005.

No deviations in this period – see deviation report submitted to EPA semi-annually.

(8) If a performance evaluation of a continuous monitoring system was conducted, the results of that performance evaluation. If new operating limits were established during the performance evaluation, include your calculations for establishing those operating limits.

NA – No CEMS used for SSI compliance.

(9) If you elect to conduct performance tests less frequently as allowed in § 62.16000(a)(3) and did not conduct a performance test during the reporting period, you must include the dates of the last two performance tests, a comparison of the emission level you achieved in the last two performance tests to the 75-percent emission limit threshold specified in § 62.16000(a)(3), and a statement as to whether there have been any process changes and whether the process change resulted in an increase in emissions.

We are using this exemption to conduct performance tests less frequently in this period. See question 4 for results data table for last 2 performance tests.

There were no process changes that would result in an emission increase.

(10) Documentation of periods when all qualified sewage sludge incineration unit operators were unavailable for more than 8 hours, but less than 2 weeks.

60.5155 What if all the qualified operators are temporarily not accessible?

Qualified operators were available throughout period.

(11) Results of annual air pollution control device inspections recorded under 62.16025(d) for the reporting period, including a description of repairs.

(c)*Air pollution control device inspections.* You must conduct air pollution control device inspections that include, at a minimum, the following: **(1)** Inspect air pollution control device(s) for proper operation. **(2)** Generally observe that the equipment is maintained in good operating condition. **(3)** Develop a site-specific monitoring plan according to the requirements in §§ 63.8995

Afterburner	EU035 Temperature Sensor Calibration 03/06/2019
	EU036 Temperature Sensor Calibration 02/26/2019
	EU037 Temperature Sensor Calibration 02/26/2019
Wet scrubber	EU035 Flow Meter Calibration 03/12/2019
	EU036 Flow Meter Calibration 03/01/2019
	EU037 Flow Meter Calibration 03/01/2019
	EU035 Liquid pH Calibration 5/31/2019
	EU036 Liquid pH Calibration 5/31/2019
	EU037 Liquid pH Calibration 5/31/2019

	EU035 Pressure Sensor Calibration 3/11/2019 EU036 Pressure Sensor Calibration 2/27/2019 EU037 Pressure Sensor Calibration 2/27/2019
Wet ESP	EU035 Inlet Flow Meter Calibration 3/11/2019 EU036 Inlet Flow Meter Calibration 3/4/2019 EU037 Inlet Flow Meter Calibration 3/4/2019 EU035 Secondary Power Meter Calibration 3/20/2019 EU036 Secondary Power Meter Calibration 5/25/2018 EU037 Secondary Power Meter Calibration 9/11/2018
Carbon Injection system	EU035 Weight Calibration 3/20/2019 EU036 Weight Calibration 2/26/2019 EU037 Weight Calibration 2/26/2019 EU035 Carrier Gas Calibration 3/13/2019 EU036 Carrier Gas Calibration 5/17/2018 EU037 Carrier Gas Calibration 8/28/2019
Baghouse Leak Detection	EU035 Certification 03/07/2019 EU036 Certification 05/18/2018 EU037 Certification 8/30/2018

Calibrations are completed prior to Performance testing. Additional Daily, Monthly, Quarterly and Semi-Annual inspections completed per manufacturer's and site operator's recommendations. Attached is a sample copy of one daily inspection and one repair report – see attachment 2. Repairs are scheduled as issues arise. Repairs records are stored on-site in electronic maintenance system. The repairs associated with deviations of control equipment are listed in attachment 1 under corrective action column. The corrective actions/repairs are started as soon after discovery as possible.

(12) If there were no periods during the reporting period when your continuous monitoring systems had a malfunction, a statement that there were no periods during which your continuous monitoring systems had a malfunction.

CPMS	Malfunction Statement for period*	Control Statement for period*
Afterburner or combustion temp sensor	No Malfunction for FBR1, FBR2, FBR3.	No out of control for FBR1, FBR2, FBR3.
Wet scrubber differential pressure	No Malfunction for FBR1, FBR2, FBR3.	No out of control for FBR1, FBR2, FBR3.
Power to ESP collection plates meter	No Malfunction for FBR1, FBR2, FBR3.	No out of control for FBR1, FBR2, FBR3.
ESP Effluent (Inlet) Water Flow Rate meter	No Malfunction for FBR1, FBR2, FBR3.	No out of control for FBR 1, FBR2, FBR3.
Mercury sorbent injection rate meter	No Malfunction for FBR2, FBR3. Scale failure 4/1-4/2019 FBR1. Estimated rate until repaired	No out of control for FBR 1, FBR2, FBR3.
Mercury sorbent carrier gas flow meter	No Malfunction for FBR1, FBR2, FBR3.	No out of control for FBR 1, FBR2, FBR3.
Wet scrubber liquid flow meter	No Malfunction for FBR1, FBR2, FBR3.	No out of control for FBR 1, FBR2, FBR3.
Wet scrubber liquid pH,	No Malfunction for FBR2, FBR3. pH probe failure 5/17/2019. Replaced.	No out of control for FBR2, FBR3.

*Any malfunctions and out of control periods on deviation report.

(13) If there were no periods during the reporting period when a continuous monitoring system was out of control, a statement that there were no periods during which your continuous monitoring systems were out of control.

See question 12 table.

(14) If there were no operator training deviations, a statement that there were no such deviations during the reporting period.

60.5130 What are the operator training and qualification requirements?

(a) A SSI unit cannot be operated unless a fully trained and qualified SSI unit operator is accessible, either at the facility or can be at the facility within 1 hour. The trained and qualified SSI unit operator may operate the SSI unit directly or be the direct supervisor of one or more other plant personnel.

No operator training deviations found during the reporting period.

(15) If you did not make revisions to your site-specific monitoring plan during the reporting period, a statement that you did not make any revisions to your site-specific monitoring plan during the reporting period. If you made revisions to your site-specific monitoring plan during the reporting period, a copy of the revised plan.

Attached. During last performance test monitored both afterburner and combustion chamber location to set CPMS control value. Will use the combustion chamber temperature for deviation reports in the future.

(16) If you had a malfunction during the reporting period, the compliance report must include the number, duration, and a brief description for each type of malfunction that occurred during the reporting period and that caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with § 60.11(d), including actions taken to correct a malfunction.

Do not believe we had a malfunction that would cause a deviation of an emission limit.

Attachment 1 – Malfunctions/downtime/deviations section 12 supplement – from deviation reports

Mercury Sorbent Injection Rate

Description of Monitor Downtime: Provide the following information regarding each period when a periodic monitoring system did not record required data. Use the same numbering system in facility permit.

Monitor ID no.	Pollutant or Parameter Monitored	Emission unit ID no.	Limit and Averaging Period	Begin Date and Time of Monitor downtime	Ending Date and Time of Monitor downtime	Number of Blocks Downtime	Cause of the Monitor Downtime and Corrective Action Taken
MetSMBd04125FT	Carbon flow - PPH	EU035	>= 3.2 pph 12 hour block				No Down Time for Period 2019/06/26 Thru 2019/06/30
MetSMBd04125FT	Carbon flow - PPH	EU035	>= 3.3 pph 12 hour block	4/1/19 0:00	4/4/19 7:16	7	Carbon Scale Failure. Carbon Scale Replaced.

Mercury Sorbent Carrier Gas

Monitor ID no.	Pollutant or Parameter Monitored	Emission Unit ID no.	Limit and Averaging Period	Begin Date and Time of Deviation	Ending Date and Time of Deviation	Number of Blocks Deviating	Level of Deviation, block avg.	Detailed description of deviation, why it occurred, and correction action taken.
METSMBXQA1111MM	Carrier flow gas rate	EU035	>= 60 CFM 12 Hour Block	7/16/18 12:00	7/16/18 23:59	1	59.57	FBR feed lost. Blower off when feed restored. Blower restarted
METSMBXQA1111MM	Carrier flow gas rate	EU035	>= 60 CFM 12 Hour Block	10/13/18 12:00	10/13/18 23:59	1	58.58	Carbon blower control system failure. Restored carbon blower system
METSMBXQA1111MM	Carrier flow gas rate	EU035	>= 60 CFM 12 Hour Block	12/16/18 12:00	12/16/18 23:59	1	59.20	Carbon feed loss. Restored carbon feed.
METSMBXQA2111MM	Carrier flow gas rate	EU036	>= 60 CFM 12 Hour Block	10/13/18 12:00	10/13/18 23:59	1	59.50	Carbon blower control system failure. Restored carbon blower system
METSMBXQA3111MM	Carrier flow gas rate	EU037	>= 60 CFM 12 Hour Block	8/23/18 12:00	8/23/18 23:59	1	57.27	Carbon blower tripped off. Blower restarted.
METSMBXQA3111MM	Carrier flow gas rate	EU037	>= 60 CFM 12 Hour Block	11/8/18 12:00	11/8/18 23:59	1	54.99	Carbon feed loss. Restored carbon feed.
METSMBXQA3111MM	Carrier flow gas rate	EU037	>= 60 CFM 12 Hour Block	11/10/18 0:00	11/10/18 11:59	1	51.17	Carbon feed loss. Restored carbon feed.
METSMBXQA3111MM	Carrier flow gas rate	EU037	>= 60 CFM 12 Hour Block	11/26/18 0:00	11/26/18 11:59	1	59.25	Carbon feed loss. Restored carbon feed.
METSMBXQA1111MM	Carrier flow gas rate	EU035	>= 60 CFM 12 Hour Block	2/21/19 0:00	2/21/19 11:59	1	59.91	Carbon blower tripped off. Carbon blower power restored.
METSMBXQA1111MM	Carrier flow gas rate	EU035	>= 60 CFM 12 Hour Block	4/1/19 0:00	4/1/19 11:59	1	58.50	Plugged carbon lines caused the blower to trip. Blower restarted.
METSMBXQA1111MM	Carrier flow gas rate	EU035	>= 60 CFM 12 Hour Block	4/5/19 0:00	4/5/19 11:59	1	59.67	Carbon blower tripped off. Blower restarted.
METSMBXQA1111MM	Carrier flow gas rate	EU035	>= 60 CFM 12 Hour Block	4/20/19 12:00	4/20/19 23:59	1	59.83	Carbon blower tripped off. Blower restarted.
METSMBXQA1111MM	Carrier flow gas rate	EU035	>= 60 CFM 12 Hour Block	4/22/19 0:00	4/23/19 11:59	3	59.29	Carbon blower tripped off. Blower restarted.
METSMBXQA1111MM	Carrier flow gas rate	EU035	>= 60 CFM 12 Hour Block	5/5/19 0:00	5/5/19 23:59	2	59.54	Blower off to troubleshoot carbon scale issues. Blower restarted.
METSMBXQA1111MM	Carrier flow gas rate	EU035	>= 60 CFM 12 Hour Block	5/6/19 0:00	5/7/19 11:59	3	58.62	Carbon blower tripped when carbon in manual. Carbon auto system
METSMBXQA1111MM	Carrier flow gas rate	EU035	>= 60 CFM 12 Hour Block	6/30/19 12:00	6/30/19 23:59	1	59.83	Troubleshooting carbon scale issues Blower restarted.
METSMBXQA2111MM	Carrier flow gas rate	EU036	>= 60 CFM 12 Hour Block	3/14/19 0:00	3/14/19 11:59	1	54.24	Carbon blower filter plugged. Replaced air filter.
METSMBXQA2111MM	Carrier flow gas rate	EU036	>= 60 CFM 12 Hour Block	5/5/19 0:00	5/5/19 11:59	1	59.40	Blower off to troubleshoot carbon scale issues. Blower restarted.
METSMBXQA2111MM	Carrier flow gas rate	EU036	>= 60 CFM 12 Hour Block	5/22/19 0:00	5/22/19 11:59	1	58.67	Carbon blower filter plugged. Replaced air filter
METSMBXQA3111MM	Carrier flow gas rate	EU037	>= 60 CFM 12 Hour Block	3/14/19 0:00	3/14/19 11:59	1	52.72	Carbon blower filter plugged. Replaced air filter.
METSMBXQA3111MM	Carrier flow gas rate	EU037	>= 60 CFM 12 Hour Block	3/28/19 0:00	3/28/19 23:59	2	53.82	Screw feed motor worn out. Screw feeder motor replaced.
METSMBXQA3111MM	Carrier flow gas rate	EU037	>= 60 CFM 12 Hour Block	4/1/19 0:00	4/1/19 11:59	1	59.00	Carbon blower tripped off. Blower restarted.
METSMBXQA3111MM	Carrier flow gas rate	EU037	>= 60 CFM 12 Hour Block	5/5/19 0:00	5/5/19 23:59	2	59.23	Blower off to troubleshoot carbon scale issues. Blower restarted.

Monitor ID no.	Pollutant or Parameter Monitored	Emission Unit ID no.	Limit and Averaging Period	Begin Date and Time of Deviation	Ending Date and Time of Deviation	Number of Blocks Deviating	Level of Deviation, block avg.	Detailed description of deviation, why it occurred, and correction action taken.
MetSMBd01010TT	Exit Duct Temp	EU035	>= 1490 F 12 hour block average	7/16/18 12:00	7/16/18 23:59	1	1,466	Low feedrate. Increased feed.
MetSMBd01010TT	Exit Duct Temp	EU035	>= 1490 F 12 hour block average	10/24/18 12:00	10/24/18 23:59	1	1,451	Low feedrate. Increased feed.
MetSMBd01010TT	Exit Duct Temp	EU035	>= 1490 F 12 hour block average	11/19/18 12:00	11/19/18 23:59	1	1,459	Low feedrate. Increased feed.
MetSMBd01010TT	Exit Duct Temp	EU035	>= 1490 F 12 hour block average	12/17/18 12:00	12/17/18 23:59	1	1,457	Low feedrate. Increased feed
MetSMBe01010TT	Exit Duct Temp	EU036	>= 1480 F 12 hour block average	7/23/18 12:00	7/23/18 23:59	1	1,473	Low feedrate. Increased feed
MetSMBe01010TT	Exit Duct Temp	EU036	>= 1480 F 12 hour block average	7/26/18 0:00	7/26/18 11:59	1	1,460	Low feedrate. Increased feed.
MetSMBe01010TT	Exit Duct Temp	EU036	>= 1480 F 12 hour block average	8/14/18 12:00	8/14/18 23:59	1	1,467	Low feedrate. Increased feed.
MetSMBe01010TT	Exit Duct Temp	EU036	>= 1480 F 12 hour block average	8/21/18 0:00	8/21/18 11:59	1	1,479	Low feedrate. Increased feed.
MetSMBf01010TT	Exit Duct Temp	EU037	>= 1490 F 12 hour block average	7/16/18 12:00	7/16/18 23:59	1	1,473	Low feedrate. Increased feed.
MetSMBf01010TT	Exit Duct Temp	EU037	>= 1490 F 12 hour block average	7/26/18 0:00	7/26/18 23:59	2	1,430	Low feedrate. Increased feed.
MetSMBf01010TT	Exit Duct Temp	EU037	>= 1490 F 12 hour block average	8/14/18 12:00	8/14/18 23:59	1	1,474	Low feedrate. Increased feed.
MetSMBD01010TT	Exit Duct Temp	EU035	>= 1490 F 12 hour block average	1/16/19 0:00	1/16/19 11:59	1	1,488	Low feedrate. Increased feed.
MetSMBD01010TT	Exit Duct Temp	EU035	>= 1490 F 12 hour block average	3/29/19 12:00	3/29/19 23:59	1	1,378	Low feedrate during start up. Increased feed.
MetSMBD01010TT	Exit Duct Temp	EU035	>= 1490 F 12 hour block average	4/11/19 12:00	4/11/19 23:59	1	1,477	Low feedrate during start up. Increased feed.
MetSMBD01010TT	Exit Duct Temp	EU035	>= 1490 F 12 hour block	6/3/19 0:00	6/3/19 11:59	1	1,481	Low feedrate during start up. Increased feed.
MetSMBF01010TT	Exit Duct Temp	EU037	>= 1490 F 12 hour block average	3/14/19 12:00	3/14/19 23:59	1	1,486	Low feedrate during start up. Increased feed.
MetSMBF01010TT	Exit Duct Temp	EU037	>= 1490 F 12 hour block average	4/18/19 12:00	4/18/19 23:59	1	1,483	Low feedrate. Increased feed.

None

None

None

None

Scrubber Pressure Drop

Monitor ID no.	Pollutant or Parameter Monitored	Emission unit ID no.	Limit and Averaging Period	Begin Date and Time of Monitor downtime	Ending Date and Time of Monitor downtime	Number of Blocks Downtime	Cause of the Monitor Downtime and Corrective Action Taken
MetSMBd06123PT	Scrubber Pressure Drop	EU035	DP >= 20.0 12 hour block average	6/9/19 21 15	6/9/19 21.44	1	Invalid Data Recorded. Valid Data Restored.

Scrubber Liquid pH

Monitor ID no.	Pollutant or Parameter Monitored	Emission Unit ID no.	Limit and Averaging Period	Begin Date and Time of Deviation	Ending Date and Time of Deviation	Number of Blocks Deviating	Level of Deviation, block avg.	Detailed description of deviation, why it occurred, and correction action taken.
MetSMBe06110AT	Scrubber Liquid pH	EU036	pH >= 6.3, 3 hour block	1/31/19 3:00	1/31/19 8:59	2	6.2	Caustic lines freezing. Cleared blockage with hot water.
MetSMBe06110AT	Scrubber Liquid pH	EU036	pH >= 6.3, 3 hour block average	3/8/19 9:00	3/8/19 11:59	1	5 8	SSI stack testing. Returned to normal operation following stack test.
MetSMBe06110AT	Scrubber Liquid pH	EU036	pH >= 6.3, 3 hour block average	3/31/19 18:00	4/1/19 5:59	4	5.9	Casutic feed lines plugged. Caustic lines cleared.
MetSMBe06110AT	Scrubber Liquid pH	EU036	pH >= 6.3, 3 hour block average	4/2/19 9:00	4/2/19 11:59	1	6.0	Casutic feed lines plugged. Caustic lines cleared.

Monitor ID no.	Pollutant or Parameter Monitored	Emission unit ID no.	Limit and Averaging Period	Begin Date and Time of monitor downtime	Ending Date and Time of monitor downtime	Number of Blocks Downtime	Cause of the Monitor Downtime and Corrective Action Taken
MetSMBd06110AT	Scrubber Liquid pH	EU035	pH >= 5.8, 3 hour block average	5/17/19 12:09	5/17/19 12:44	1	pH Probe Failure. Probe Replaced.

Monitor ID no.	Pollutant or Parameter Monitored	Emission Unit ID no.	Limit and Averaging Period	Begin Date and Time of Deviation	Ending Date and Time of Deviation	Number of Blocks Deviating	Level of Deviation, block avg.	Detailed description of deviation, why it occurred, and correction action taken.
MetSMBd06110AT	Scrubber Liquid pH	EU035	pH >= 5.8, 3 hour block average	7/23/17 6:00	7/23/17 10:59	2	5.6	Caustic feed pump failure. Caustic feed pump repaired.
MetSMBd06110AT	Scrubber Liquid pH	EU035	pH >= 5.8, 3 hour block average	8/23/17 0:00	8/23/17 1:59	1	5.7	Caustic feed pump failure. Caustic feed pump repaired.
MetSMBd06110AT	Scrubber Liquid pH	EU035	pH >= 5.8, 3 hour block average	8/25/17 6:00	8/25/17 7:59	1	5.6	Caustic feed pump failure. Caustic feed pump repaired.
MetSMBd06110AT	Scrubber Liquid pH	EU035	pH >= 5.8, 3 hour block average	9/2/17 15:00	9/2/17 19:59	2	5.7	Caustic feed pump failure Caustic feed pump repaired
MetSMBd06110AT	Scrubber Liquid pH	EU035	pH >= 5.8, 3 hour block average	9/3/17 6:00	9/4/17 10:59	10	5.5	Caustic feed pump failure Caustic feed pump repaired
MetSMBd06110AT	Scrubber Liquid pH	EU035	pH >= 5.8, 3 hour block average	9/6/17 0:00	9/6/17 1:59	1	5.7	Caustic feed pump failure Caustic feed pump repaired
MetSMBe06110AT	Scrubber Liquid pH	EU036	pH >= 6.3, 3 hour block average	8/6/17 15:00	8/6/17 16:59	1	5.5	Operator did not see low caustic level. Educated operators.
MetSMBf06110AT	Scrubber Liquid pH	EU037	pH >= 5.7, 3 hour block average	11/24/17 3:00	11/24/17 13:59	4	5.4	Caustic feed valve shut leftover from maintenance shutdown Opened valve, restored caustic flow
MetSMBe06110AT	Scrubber Liquid pH	EU036	pH >= 6.3, 3 hour block average	4/13/18 9:00	4/13/18 11:59	1	6.2	Stopped automatic pH control for pH probe calibration. Completed calibration and restored pH control.
MetSMBe06110AT	Scrubber Liquid pH	EU036	pH >= 6.3, 3 hour block average	5/27/18 21:00	5/28/18 8:59	4	6.1	Caustic pump failure. Switched to backup caustic pump.
MetSMBe06110AT	Scrubber Liquid pH	EU036	pH >= 6.3, 3 hour block average	5/30/18 0:00	5/30/18 2:59	1	6.2	Caustic pumping erratic. Put pumps in manual to clear signal.
MetSMBe06110AT	Scrubber Liquid pH	EU036	pH >= 6.3, 3 hour block average	6/22/18 0:00	6/22/18 5:59	2	5.7	FBR tripped and operator error. Operator returned to correct control.
MetSMBf06110AT	Scrubber Liquid pH	EU037	pH >= 5.7, 3 hour block average	5/27/18 21:00	5/28/18 8:59	4	5.0	Caustic pump failure. Switched to backup caustic pump.
MetSMBf06110AT	Scrubber Liquid pH	EU037	pH >= 5.7, 3 hour block	6/22/18 0:00	6/22/18 5:59	2	5.6	FBR tripped and operator error. Operator returned to correct control.

Attachment 2 – Inspection and Repair sample

Example Inspection – Conducted at least daily.

FBR Daily Operating Log

Date: 1-2-17 Shift: B Operator: SMB	Typical	[redacted]	FBR2	[redacted]	Notes
FBR					
1 Freeboard spray booster pump oil level	40-60%	✓	✓	✓	
1 Purge air to windbox pressure tap (FO1011FI)	1-2 SCFH	✓	✓	✓	
1 Bed pressure tap (FO1012FI)	70 SCFH	✓	✓	✓	
1 Hardwire shutdown panel - Are there any points in alarm or bypas	No	NO	NO	NO	
1 Fluidizing Air Blower Oil level	40-60%	✓	✓	✓	
3 Freeboard sprays - Are the cooling water flows normal?	2-10gpm	✓	✓	✓	
3 Freeboard sprays - Are the jacket temperatures normal	<100f	✓	✓	✓	
3 Freeboard sprays - Is the cooling air on?	Yes	✓	✓	✓	
3 Freeboard pressure tap (FO1013)	1-2 SCFH	✓	✓	✓	
FBR & Primary Heat Exchanger - All floors					
Are there any hot spots (discolored paint)	<400f	NO	NO	NO	
Baghouse					
1 Air pressure to the pulse air header (indicates a leaking valve)	70-80 psi	70	76	80	
1 Are the baghouse hopper doors >150°F	Yes	Yes	Yes	Yes	
1 Are any of the transporters out of service?	No	NO	NO	NO	
1 Are there any broken bag alarms?	No	NO	NO	NO	
1 transporter cycles normal during your shift? *# of cycle counts before reset*					Reset all
3 Baghouse DP	3"-9" H2O	6.0	5.7	6.9	
3 Baghouse dust level	<80%	✓	✓		
Scrubber					
2 Quench water flow (local gauge 6109FT)	160-200	176	177	174	
2 Emergency quench water (city water) isolation valve open?	Yes	✓	✓	✓	
2 Emergency quench water (city water) controller in remote?	Yes	✓	✓	✓	
2 Packed section water flow (local gauge 6104FT)	550-680	631	624	627	
2 Absorption section water flow (local gauge 6112FT)	600-680	562	570	544	
2 Ring Jet flow (local gauge 6121FT)	100-200	171	194	545	
2 Ring Jet DP. Does the setpoint of 25" H2O match the gauge?	25" H2O				
2 Absorption pumps oil level	40-60%	✓	✓	✓	
2 Check pH using pH test strips. - If off > 0.3 units, write W R	5.0 - 6.5	6.6	6.4	6.3	
WESP					
3 AC Volts at local control panel (3rd floor electrical room)	150-300	145	2.80	193	
3 DV KV at local control panel (3rd floor electrical room)	35-60	51	54	46	
Carbon Tower					
2 Blower suction filter pressure (indicator on top of filter housing)	Green Ok				
ID Fan					
1 Fan oil level	40-60%	✓	✓	✓	
1 Cooling water to fan bearing	Open	OPEN	OPEN	OPEN	
1 Turn spray water valves on (5 min ea. (A and D shifts only)	Yes				
2nd Floor Electrical Room					
2 FAB amps	50-70	55	57	53	
2 ID fan amps	60-75		64	58	
2 ID Fan inboard bearing vibration reading (AVE)	< 150	50	93	96	
2 ID Fan outboard bearing vibration reading (BVE)	< 150	34	67	110	
*Every Monday, on "A" shift, please rotate the fan blades on the ID and FAB units that are down for long periods of time.					
Surge Tank in the secondary tunnel					
1 Surge tank level indicator	Near Mark	✓	[redacted]		
Strainers in the secondary tunnel (SR6/7/8)		SR6	SR7	SR8	
1 Adjust packing on top of strainers (approx 1 drip/min)	Yes	NO			
1 Rotate strainers on the 1st day of the month (A Shift Operator)	Yes	NO	[redacted]		
Effluent Water Pumps (P897A/B/C)		A	B	C	D
1 Pump oil level	40-60%	✓	✓	✓	(Grease Only)
2 VFD amps (upstairs electrical room)	<477	0	340	0	355
2 VFD heat sink temp (Read Temp at VFD panel)	<70c	23	42	24	36
408 Building					
T-5 Check ash system for leaks (All floors)	None	Yes	[redacted]		
3 SC65 Check that it is running. (Grease when needed)	Yes	Yes			
4 RV12 Check that motor, conveyor, and rotary valve are running	Yes	NO			
4 FN313 Fan Suction (Check that fan is running / no broken belts)	-10 to -15				
4 Check that baghouse poppets are pulsing to clean bags.	Yes	NO			
4 BF03 differential Pressure	1 - 4				

Example Control Equipment Repair Report

WORK ORDER REPORT

07/20/17 11:22

Work Type: Regular
Priority: 42
Est. Start Date:
Deficiency Tag:
Required: 11-JAN-17
Task Status: CLOSED
Assigned To: CORVALI/TIERNEY
Crew: CONTR Contractor
Task Desc.: Remove the piece of plastic out of the identified ring jet. When complete please put the ring jet and absorption manway back on.

Work Order *1625270*
1625270

Task *01*
01

Asset: M / WSCR2 - FBR2 Wet Scrubber
Component ID:
Description:
Department: SMBU
Area: MAINT
Task Building: M-SMB-DRY - Metro Solids Management Building - Dry Side
Task Location: 2ND FLOOR
Task Position: North end, Center

Attachment 3 -- Updated CPMS Calculations

FBR 1

Metro Operating Limit Interpretations

Operating Parameter	Rule	Data Averaging Period	Performance Test Demonstrating Emission Limits for	SSI Rule Specified Measurement Location	SSI Rule Specified Measurement Calculation	Questions/Assumptions	Calculated Limit (cells used in calculation highlighted on operating data tabs)	Units
Minimum Wet Scrubber Differential Pressure	62.15985(b)	lowest 4 hour average	PM, Pb, Cd Emissions			The measurement point was the ring jet dp. There was 1 test (3 runs) for PM/HCl and 1 test (3 runs) for metals. Metals runs (3) were approximately 2 hours and 20 minutes and PM runs (3) were approximately 1 hour. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lower value of the test average (3 - 1 hour runs) for PM and the results of each 2 continuous metals runs (each run 2 hours, 2 runs are continuous 4 hours)	17.8	IN W.C.
Minimum Wet Scrubber Liquid Flow Rate	62.15985(c)	lowest 4 hour average	All Emissions	Inlet to Scrubber		The measurement point was total wet scrubber flow (quench + ring jet + packed tower). There were 4 tests (3 runs each) for all emissions (dioxins, CEMS, Metals, and PM/HCl). Dioxin runs (3) were approximately 3 hours each, metals runs (3) were approximately 2 hours. PM/HCl and CEMS runs (3) were approximately 1 hour. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lowest value of the test average (3 - 1 hour runs) for PM/HCl, the test average (3 - 1 hour runs) for CEMS, each run for dioxins (3 - 3 hour averages), and the results of each 2 continuous metals runs (each run 2 hours, 2 runs are continuous 4 hours).	874	GPM
Minimum Wet Scrubber Liquid pH	62.15985(d)	lowest 1 hour average	HCl, SO_2			The measurement point was scrubber pH, there is only one location. There was 1 test (3 runs) for PM/HCl and 1 test (3 runs) for CEMS. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lowest value of each run (3 - 1 hour runs) for the PM/HCl and CEMS test.	5.4	pH
Minimum Combustion Chamber (Afterburner) Temperature	62.15985(e)	lowest 4 hour average	All Emissions			The measurement point was the FBR bed control temperature. There were 4 tests (3 runs each) for all emissions (dioxins, CEMS, Metals, and PM/HCl). Dioxin runs (3) were approximately 3 hours each, metals runs (3) were approximately 2 hours. PM/HCl and CEMS runs (3) were approximately 1 hour. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lowest value of the test average (3 - 1 hour runs) for PM/HCl, the test average (3 - 1 hour runs) for CEMS, each run for dioxins (3 - 3 hour averages), and the results of each 2 continuous metals runs (each run 2 hours, 2 runs are continuous 4 hours).	1329	°F
Minimum Power to Electrostatic Precipitator Collection Plates	62.15985(f)	lowest 4 hour average	PM, Pb, Cd Emissions		Power = Secondary Voltage X Secondary Current	The measurement point was the calculation tag that measures secondary voltage multiplied by secondary current. There was 1 test (3 runs) for PM/HCl and 1 test (3 runs) for metals. Metals runs (3) were approximately 2 hours and 20 minutes and PM runs (3) were approximately 1 hour. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lower value of the test average (3 - 1 hour runs) for PM and the results of each 2 continuous metals runs (each run 2 hours, 2 runs are continuous 4 hours).	22.5	Watts
Minimum Electrostatic Precipitator Effluent Water Flow Rate	62.15985(g)	lowest 4 hour average	PM, Pb, Cd Emissions	Outlet of WESP (WESP Inlet through EPA Region 5 Petition		The measurement point was the WESP inlet flow. There was 1 test (3 runs) for PM/HCl and 1 test (3 runs) for metals. Metals runs (3) were approximately 2 hours and 20 minutes and PM runs (3) were approximately 1 hour. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lower value of the test average (3 - 1 hour runs) for PM and the results of each 2 continuous metals runs (each run 2 hours, 2 runs are continuous 4 hours).	0.0	GPM
Minimum Mercury Sorbent Injection Rate	62.15985(h)(1)	lowest 4 hour average	Hg Emissions			The measurement point was carbon flow. There was 1 test (3 runs) for metals and runs (3) were approximately 2 hours and 20 minutes. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lower of the average for the first two runs (2 - 2 hour and 20 minute runs, 4 hours and 40 minutes continuous) compared to the average of the second two runs (2 - 2 hour and 20 minute runs, 4 hours and 40 minutes continuous) for metals.	3.2	LB/HR
Minimum Mercury Sorbent Carrier Gas Flow Rate or Carrier Gas Pressure Drop	62.15985(h)(3)(i or ii)	lowest 4 hour average	Hg Emissions			The measurement point was carbon blower air flow. There was 1 test (3 runs) for metals and runs (3) were approximately 2 hours and 20 minutes. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lower of the average for the first two runs (2 - 2 hour and 20 minute runs, 4 hours and 40 minutes continuous) compared to the average of the second two runs (2 - 2 hour and 20 minute runs, 4 hours and 40 minutes continuous) for metals.	60.0	CFM

FBR 2

Metro Operating Limit Interpretations

Operating Parameter	Rule	Data Averaging Period	Performance Test Demonstrating Emission Limits for	SSI Rule Specified Measurement Location	SSI Rule Specified Measurement Calculation	Questions/Assumptions	Calculated Limit (cells used in calculation highlighted on operating data tabs)	Units
Minimum Wet Scrubber Differential Pressure	62.15985(b)	lowest 4 hour average	PM, Pb, Cd Emissions			The measurement point was the ring jet dp. There was 1 test (3 runs) for PM/HCl and 1 test (3 runs) for metals. Metals runs (3) were approximately 2 hours and 20 minutes and PM runs (3) were approximately 1 hour. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lower value of the test average (3 - 1 hour runs) for PM and the results of each 2 continuous metals runs (each run 2 hours, 2 runs are continuous 4 hours)	**17.8**	IN W.C.
Minimum Wet Scrubber Liquid Flow Rate	62.15985(c)	lowest 4 hour average	All Emissions	Inlet to Scrubber		The measurement point was total wet scrubber flow (quench + ring jet + packed tower). There were 4 tests (3 runs each) for all emissions (dioxins, CEMS, Metals, and PM/HCl). Dioxin runs (3) were approximately 3 hours each, metals runs (3) were approximately 2 hours. PM/HCl and CEMS runs (3) were approximately 1 hour. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lowest value of the test average (3 - 1 hour runs) for PM/HCl, the test average (3 - 1 hour runs) for CEMS, each run for dioxins (3 - 3 hour averages), and the results of each 2 continuous metals runs (each run 2 hours, 2 runs are continuous 4 hours).	**825**	GPM
Minimum Wet Scrubber Liquid pH	62.15985(d)	lowest 1 hour average	HCl, SO_2			The measurement point was scrubber pH, there is only one location. There was 1 test (3 runs) for PM/HCl and 1 test (3 runs) for CEMS. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lowest value of each run (3 - 1 hour runs) for the PM/HCl and CEMS test.	**5.6**	pH
Minimum Combustion Chamber (Afterburner) Temperature	62.15985(e)	lowest 4 hour average	All Emissions			The measurement point was the FBR bed control temperature. There were 4 tests (3 runs each) for all emissions (dioxins, CEMS, Metals, and PM/HCl). Dioxin runs (3) were approximately 3 hours each, metals runs (3) were approximately 2 hours. PM/HCl and CEMS runs (3) were approximately 1 hour. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lowest value of the test average (3 - 1 hour runs) for PM/HCl, the test average (3 - 1 hour runs) for CEMS, each run for dioxins (3 - 3 hour averages), and the results of each 2 continuous metals runs (each run 2 hours, 2 runs are continuous 4 hours).	**1324**	°F
Minimum Power to Electrostatic Precipitator Collection Plates	62.15985(f)	lowest 4 hour average	PM, Pb, Cd Emissions		Power = Secondary Voltage X Secondary Current	The measurement point was the calculation tag that measures secondary voltage multiplied by secondary current. There was 1 test (3 runs) for PM/HCl and 1 test (3 runs) for metals. Metals runs (3) were approximately 2 hours and 20 minutes and PM runs (3) were approximately 1 hour. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lower value of the test average (3 - 1 hour runs) for PM and the results of each 2 continuous metals runs (each run 2 hours, 2 runs are continuous 4 hours).	**52.2**	Watts
Minimum Electrostatic Precipitator Effluent Water Flow Rate	62.15985(g)	lowest 4 hour average	PM, Pb, Cd Emissions	Outlet of WESP (WESP Inlet through EPA Region 5 Petition		The measurement point was the WESP inlet flow. There was 1 test (3 runs) for PM/HCl and 1 test (3 runs) for metals. Metals runs (3) were approximately 2 hours and 20 minutes and PM runs (3) were approximately 1 hour. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lower value of the test average (3 - 1 hour runs) for PM and the results of each 2 continuous metals runs (each run 2 hours, 2 runs are continuous 4 hours).	**0.0**	GPM
Minimum Mercury Sorbent Injection Rate	62.15985(h)(1)	lowest 4 hour average	Hg Emissions			The measurement point was carbon flow. There was 1 test (3 runs) for metals and runs (3) were approximately 2 hours and 20 minutes. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lower of the average for the first two runs (2 - 2 hour and 20 minute runs, 4 hours and 40 minutes continuous) compared to the average of the second two runs (2 - 2 hour and 20 minute runs, 4 hours and 40 minutes continuous) for metals.	**3.0**	LB/HR
Minimum Mercury Sorbent Carrier Gas Flow Rate or Carrier Gas Pressure Drop	62.15985(h)(3)(i or ii)	lowest 4 hour average	Hg Emissions			The measurement point was carbon blower air flow. There was 1 test (3 runs) for metals and runs (3) were approximately 2 hours and 20 minutes. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lower of the average for the first two runs (2 - 2 hour and 20 minute runs, 4 hours and 40 minutes continuous) compared to the average of the second two runs (2 - 2 hour and 20 minute runs, 4 hours and 40 minutes continuous) for metals.	**60.0**	CFM

FBR 3

Metro Operating Limit Interpretations

Operating Parameter	Rule	Data Averaging Period	Performance Test Demonstrating Emission Limits for	SSI Rule Specified Measurement Location	SSI Rule Specified Measurement Calculation	Questions/Assumptions	Calculated Limit (cells used in calculation highlighted on operating data tabs)	Units
Minimum Wet Scrubber Differential Pressure	62.15985(b)	lowest 4 hour average	PM, Pb, Cd Emissions			The measurement point was the ring jet dp. There was 1 test (3 runs) for PM/HCl and 1 test (3 runs) for metals. Metals runs (3) were approximately 2 hours and 20 minutes and PM runs (3) were approximately 1 hour. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lower value of the test average (3 - 1 hour runs) for PM and the results of each 2 continuous metals runs (each run 2 hours, 2 runs are continuous 4 hours)	**17.7**	IN W.C.
Minimum Wet Scrubber Liquid Flow Rate	62.15985(c)	lowest 4 hour average	All Emissions	Inlet to Scrubber		The measurement point was total wet scrubber flow (quench + ring jet + packed tower). There were 4 tests (3 runs each) for all emissions (dioxins, CEMS, Metals, and PM/HCl). Dioxin runs (3) were approximately 3 hours each, metals runs (3) were approximately 2 hours. PM/HCl and CEMS runs (3) were approximately 1 hour. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lowest value of the test average (3 - 1 hour runs) for PM/HCl, the test average (3 - 1 hour runs) for CEMS, each run for dioxins (3 - 3 hour averages), and the results of each 2 continuous metals runs (each run 2 hours, 2 runs are continuous 4 hours).	**770**	GPM
Minimum Wet Scrubber Liquid pH	62.15985(d)	lowest 1 hour average	HCl, SO_2			The measurement point was scrubber pH, there is only one location. There was 1 test (3 runs) for PM/HCl and 1 test (3 runs) for CEMS. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lowest value of each run (3 - 1 hour runs) for the PM/HCl and CEMS test.	**5.8**	pH
Minimum Combustion Chamber (Afterburner) Temperature	62.15985(e)	lowest 4 hour average	All Emissions			The measurement point was the FBR bed control temperature. There were 4 tests (3 runs each) for all emissions (dioxins, CEMS, Metals, and PM/HCl). Dioxin runs (3) were approximately 3 hours each, metals runs (3) were approximately 2 hours. PM/HCl and CEMS runs (3) were approximately 1 hour. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lowest value of the test average (3 - 1 hour runs) for PM/HCl, the test average (3 - 1 hour runs) for CEMS, each run for dioxins (3 - 3 hour averages), and the results of each 2 continuous metals runs (each run 2 hours, 2 runs are continuous 4 hours).	**1319**	°F
Minimum Power to Electrostatic Precipitator Collection Plates	62.15985(f)	lowest 4 hour average	PM, Pb, Cd Emissions		Power = Secondary Voltage X Secondary Current	The measurement point was the calculation tag that measures secondary voltage multiplied by secondary current. There was 1 test (3 runs) for PM/HCl and 1 test (3 runs) for metals. Metals runs (3) were approximately 2 hours and 20 minutes and PM runs (3) were approximately 1 hour. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lower value of the test average (3 - 1 hour runs) for PM and the results of each 2 continuous metals runs (each run 2 hours, 2 runs are continuous 4 hours).	**66.2**	Watts
Minimum Electrostatic Precipitator Effluent Water Flow Rate	62.15985(g)	lowest 4 hour average	PM, Pb, Cd Emissions	Outlet of WESP (WESP Inlet through EPA Region 5 Petition		The measurement point was the WESP inlet flow. There was 1 test (3 runs) for PM/HCl and 1 test (3 runs) for metals. Metals runs (3) were approximately 2 hours and 20 minutes and PM runs (3) were approximately 1 hour. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lower value of the test average (3 - 1 hour runs) for PM and the results of each 2 continuous metals runs (each run 2 hours 2 runs are continuous 4 hours).	**0.1**	GPM
Minimum Mercury Sorbent Injection Rate	62.15985(h)(1)	lowest 4 hour average	Hg Emissions			The measurement point was carbon flow. There was 1 test (3 runs) for metals and runs (3) were approximately 2 hours and 20 minutes. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lower of the average for the first two runs (2 - 2 hour and 20 minute runs, 4 hours and 40 minutes continuous) compared to the average of the second two runs (2 - 2 hour and 20 minute runs, 4 hours and 40 minutes continuous) for metals.	**3.3**	LB/HR
Minimum Mercury Sorbent Carrier Gas Flow Rate or Carrier Gas Pressure Drop	62.15985(h)(3)(i or ii)	lowest 4 hour average	Hg Emissions			The measurement point was carbon blower air flow There was 1 test (3 runs) for metals and runs (3) were approximately 2 hours and 20 minutes. All runs were averaged for each test on the individual test tabs. The limit was determined by taking the lower of the average for the first two runs (2 - 2 hour and 20 minute runs, 4 hours and 40 minutes continuous) compared to the average of the second two runs (2 - 2 hour and 20 minute runs, 4 hours and 40 minutes continuous) for metals.	**60.0**	CFM

Attachment 4 – Updated Site Specific Monitoring Plan

MCES Metro Plant - SSI Site Specific Monitoring Plan (SSMP) 2019

40 CFR 62.15995 requires performance evaluations of continuous parameter monitoring systems for sewage sludge incinerators and pollution control devices. The MCES Metro plant operates under a Title V permit and follows an O&M plan maintained on site for Title V permit compliance purposes. The requirements for 40 CFR 62.15995 are met by Metro's Title V Compliance and O&M Plans and the items in the table below. MCES probes and thermocouples are placed such that interferences such as vibration, pulsing, corrosion, etc. are minimized and the resultant measurement is representative of the desired data parameter.

Incinerator:

Check incinerator bed (combustion chamber) thermocouples (1002TT-1007TT) before stack test at the time of MACT stack test (within one month FBR run time prior) and no less than ANNUALLY.	Ensure they are within 5°F. Electricians use form for all calibrations.

Baghouse:

Inspect bags EVERY YEAR. Inspect TriboGuard Dust Monitors (118AT, 218AT, 318AT) ANNUALLY. Replace or cap worn bags based on BH removal efficiency.	Use broken bag detectors (TribolGuard monitors) on spent scrubber water monitoring to take action on broken bags as soon as possible.
Check differential pressure transmitters (022PT) & broken baa detectors DAILY.	By verifier (on verifier form).
Inspect pulse air system, including valves, nozzles, and tubing DAILY.	By verifier (on verifier form).

Carbon System:

Calibrate/ check scales (4125FT) at the time of MACT stack test (within one month FBR runtime prior) and no less than ANNUALLY.	During annual shutdown. Electricians use form for all calibrations.
Calibrate/zero carrier flow differential pressure gauge ANNUALLY.	During annual shutdown. Electricians use form for all calibrations

Wet Scrubber:

Check wet scrubber flow meters at the time of stack test (within one month FBR runtime prior) and no less than ANNUALLY.	Ensure they are within 2% of range accuracy. Electricians use form for all calibrations.
Check pH reading DAILY against portable probe or pH paper.	By verifier (on verifier form). Put in calibration work request if more than 0.3 units difference.
Check Ring jet water DAILY against venturi differential pressure transmitter. Ensure ring jet flow rate is in normal 100 - 300 gpm range for normal feed conditions and 20" ring iet differential pressure.	If ring jet flow is not in expected range, inspect ring jet pressure taps for blockage and/or calibrate ring jet differential pressure transmitter to correct the reading.
Inspect and calibrate wet scrubber absorber pump outlet pH probes MONTHLY	Use buffer solutions of pH 4.0, 7.0 and 10.0. Electricians have this on regular PM schedule and recorded in notebook in control room.
Check & calibrate pressure transmitters at the time of stack test (within one month prior) and no less than ANNUALLY.	Check using U-Tube manometer for accuracy within 0.5" w.c.
Check ring iet differential pressure transmitter against manometer MONTHLY.	SSBU Process Engineering Group staff completes for Title V Air Permit

Wet Electrostatic Precipitator:

Inspect flushing nozzles, T/R rectifier tanks and control panel ANNUALLY.	Electricians complete during annual shutdown.
Check WESP zero kV secondary voltage at the time of stack test (within one month FBR runtime prior) and no less than ANNUALLY.	SSBU Process Engineering Group staff completes task.

Only Person's Name (Bold) (optional - can delete)
Extra Line or Department Name (optional - can delete)
Extra Line or Department Name (optional - can delete)

Marathon St. Paul Park Refinery

301 St. Paul Park Road
St. Paul Park, MN 55071

July 29, 2019

CERTIFIED MAIL: 7018 1130 0000 5305 7599

Supervisor, Compliance Determination Unit
Air Quality Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

RE: Semi-Annual Certification and Inspection Report (January – June 2019)
40 CFR 60, Subpart QQQ
Marathon St. Paul Park Refinery

Dear Sir or Madam:

Subpart QQQ regulations [40 CFR 60.698] and the Title V Permit for Marathon St. Paul Park Refinery ("SPPR") requires the inspection of certain regulated units and submission of a semi-annual certification and inspection report. The specific requirements of this report are as follows:

1) A certification that the required inspections have been performed in accordance with all applicable standards [§60.698(b)(1)].

2) A report summarizing all inspections when a water seal was dry or otherwise breached, when a drain cap or plug was missing or improperly installed, or when cracks, gaps, or other problems were identified that could result in VOC emissions including information on repairs or corrective actions taken [§60.698(c)].

This report is intended to satisfy the requirements above. During this reporting period, all deficiencies noted during inspections were corrected within the required repair timeframe.

Inspections for the regulated units listed in the attached table were carried out during the reporting period against the regulatory standards applicable to the respective systems. In some instances, inspections of certain systems or components were performed more frequently than required by regulation. Deviations or potential deviations discovered during these inspections are identified in the attached table. Correction of each deviation was verified by a follow-up inspection and completion of corrective actions was documented in the inspection records.

Summary of Inspections

The summary of the inspections performed on various components is provided in Appendix A (attached). The summary provides a brief description of deficiencies and potential deficiencies noted during the inspection and the corrective actions that were taken to rectify these conditions. All corrective actions were completed within the time frame allowed within the regulations for the respective system component.

Additional Information:

This report provides inspection certification for process drains and junction boxes containing MACT CC Group 2 streams and for the floating roof portion of the API separator. These streams are only subject to Subpart QQQ requirements per 40 CFR 63, Subpart CC.

SPPR operates a closed vent system and control device (thermal oxidizer) for equipment containing MACT CC Group 1 streams, which include the fixed roof portions of the API Separator (FUGI- 130), the API Splitter Box (FUGI- 93), Overflow Pump Pit (FUGI- 116) and other ancillary equipment and piping associated with those regulated systems. Group 1 equipment is managed in accordance 40 CFR 61, Subpart FF, as allowed under 40 CFR 63, Subpart CC. Quarterly monitoring and inspection of this equipment is performed under the Subpart FF compliance program and is reported in the quarterly Benzene Waste Operations NESHAP Certification and Compliance Reports.

A summary of component additions and deletions for this reporting period have been included in this report.

Should you have any questions regarding this report, please contact Calvin Johnson at (651) 769-6121 or by email at CJohnson1@marathonpetroleum.com.

Sincerely,

Marathon St. Paul Park Refinery

Calvin Johnson
Environmental Professional

Attachments

cc: **VIA CERTIFIED MAIL: 7018 130 0000 5305 7667**
Air and Radiation Branch
EPA Region V
77 West Jackson Boulevard
Chicago, IL 60604

Certification for January 1st through June 30th, 2019
Subpart QQQ Semi-Annual Report

This section of the report serves as the Marathon St. Paul Park Refinery written certification of the information contained within this report. This certification is comprehensive of the entire report.

Certification on Behalf of Marathon St. Paul Park Refinery and Western Refining Terminals LLC

I certify under penalty of law that this information was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my directions and my inquiry of the person(s) who manage the system, or the person(s) directly responsible for gathering the information, the information in this submittal is, to the best of my knowledge and belief, true, accurate, and complete.

Marathon St. Paul Park Refinery

Tommy Chavez, Vice President and Refinery Manager

7-29-2019
Date

Supplement to Page 3 (Appendix A)

System: API Oil/Water Separator
Title V Source Number: FUGI- 130

Annual seal gap measurement for the floating roof secondary seals and visual inspection of seal fabric was conducted for both API bays on 8/15/2018. The next annual inspection is not required until 8/15/19.

Annual NDE monitoring and quarterly visual inspections of the API separator fore and aft bay fixed roofs and ancillary equipment and piping in MACT CC Group 1 service are performed under the Subpart FF compliance program and are reported in the quarterly Benzene Waste Operations NESHAP Certification and Compliance Report, as allowed under 40 CFR 63, Subpart CC.

Emissions from the separator fore and aft bays, sludge box, and slop oil pump pit, equipped with fixed roofs are controlled by a closed vent system and control device as required by the Subpart FF compliance program. Operation, monitoring, and inspection of the control equipment is performed under that program and results of inspections and any corrective actions are also reported in the quarterly Benzene Waste Operations NESHAP Certification and Compliance Report.

During the reporting period, the following incidents were noted affecting this QQQ affected facility;

Incident	Date	Reason	Corrective Action
Wastewater (containing oil) on API covers	2/23/19	Pressure increase during duel media filter backwashing caused the API Separator to overpressure and push oil onto API covers.	WWTP flow was fully diverted to TK146 until pressure returned to normal range. Oily wastewater was removed from covers
Wastewater (containing oil) on API covers	2/25/19	Pressure increase during duel media filter backwashing caused the API Separator to overpressure and push oil onto API covers.	WWTP flow was fully diverted to TK146 until pressure returned to normal range. Oily wastewater was removed from covers
Wastewater (containing oil) on API covers	2/26/19	Pressure increase during duel media filter backwashing caused the API Separator to overpressure and push oil onto API covers.	WWTP flow was fully diverted to TK146 until pressure returned to normal range. Oily wastewater was removed from covers
Wastewater (containing oil) on API covers	3/1/19	Pressure increase during duel media filter backwashing caused the API Separator to overpressure and push oil onto API covers.	WWTP flow was fully diverted to TK146 until pressure returned to normal range. Oily wastewater was removed from covers.
Wastewater (containing oil) on API covers	5/31/19	Refinery had a power dip causing a T.O. vent gas trip due to loss of blower. Pressure and API Separator level pushed oil onto API covers	WWTP restarted T.O. with blower operational. Oily wastewater was removed from covers.

Supplement to Page 6 (Appendix A)

System: API Splitter Box
Title V Source Number: FUGI- 93

Month	Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
January	See FF Report	-	-	-
February	See FF Report	-	-	-
March	See FF Report	-	-	-
April	See FF Report	-	-	-
May	See FF Report	-	-	-
June	See FF Report	-	-	-

Note: Monthly visual inspection of water seals, quarterly visual inspections, and annual NDE monitoring of junction box covers and aboveground sewer lines in MACT CC Group 1 service are performed under the Subpart FF compliance program and are reported in the quarterly Benzene Waste Operations NESHAP Certification and Compliance Report, as allowed under 40 CFR 63, Subpart CC.

Emissions from this junction box are controlled by a closed vent system and control device as required by the Subpart FF compliance program. Operation, monitoring, and inspection of the control equipment is performed under that program and results of inspections and any corrective actions are also reported in the quarterly Benzene Waste Operations NESHAP Certification and Compliance Report.

During the reporting period, the following incidents were noted affecting this QQQ affected facility;

Incident	Date	Reason	Corrective Action
N/A	N/A	N/A	N/A

Supplement to Page 2 (Appendix A)

System: Overflow Pump Pit
Title V Source Number: FUGI- 116

Month	Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
January	See FF Report	-	-	-
February	See FF Report	-	-	-
March	See FF Report	-	-	-
April	See FF Report	-	-	-
May	See FF Report	-	-	-
June	See FF Report	-	-	-

Note: Monthly visual inspection of water seals, quarterly visual inspections, and annual NDE monitoring of junction box covers and aboveground sewer lines in MACT CC Group 1 service are performed under the Subpart FF compliance program and are reported in the quarterly Benzene Waste Operations NESHAP Certification and Compliance Report, as allowed under 40 CFR 63, Subpart CC.

Emissions from this junction box are controlled by a closed vent system and control device as required by the Subpart FF compliance program. Operation, monitoring, and inspection of the control equipment is performed under that program and results of inspections and any corrective actions are also reported in the quarterly Benzene Waste Operations NESHAP Certification and Compliance Report.

During the reporting period, the following incidents were noted affecting this QQQ affected facility;

Incident	Date	Reason	Corrective Action
N/A	N/A	N/A	N/A

Regulated Storage Tanks Applicable to 40 CFR 60, Subpart QQQ

Tank No.	Title V Source ID	Regulatory Program	Last Inspection Date	Deficiencies Noted	Corrective Action(s)
T-2	EQUI- 142	40 CFR 63, Subpart WW	1/21/19	None	NA
T-9	EQUI- 143	40 CFR 63, Subpart WW	1/28/19	None	NA
109	EQUI- 158	40 CFR 63, Subpart WW	11/20/18	None	NA
117	EQUI- 102	40 CFR 60, Subpart WW	5/22/19	None	NA
141	EQUI- 114	40 CFR 60, Subpart WW	11/20/18	None	NA
146	EQUI- 153	40 CFR 60, Subpart WW	5/9/19	None	NA
158	EQUI- 140	40 CFR 60, Subpart WW	11/20/18	None	NA
159	EQUI- 141	40 CFR 60, Subpart WW	4/23/19	None	NA
169	EQUI- 337	40 CFR 60, Subpart WW	1/28/19	None	NA

Component Additions or Deletions

Unit	Title V Source ID	Components Added	Components Deleted
None	None	None	None

Additional Deficiencies Discovered During Daily Rounds

Unit	Title V Source ID	Components TAG#	Date - Deficiency/Corrective Action
FCC	FUGI- 137	8-JB17-PD-5	5/12 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB17-AD-3	1/7 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB9-AD-5	1/7 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB16-AD-10	2/3 – Additional Water Needed/Water Added 3/10 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB16-AD-8	2/3 – Additional Water Needed/Water Added 3/10– Additional Water Needed/Water Added
FCC	FUGI- 137	8-TLC-JB2-PD-2	3/16 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB16-AD-10	4/6 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB-13	5/12 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB8-AD-2	5/12 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-TLC-JB5-TD-1	3/6 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB6-AD-3	5/12 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB16-AD-2	3/16 – Additional Water Needed/Water Added 4/15 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB16-AD-6	3/16 – Additional Water Needed/Water Added 4/15 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB-16	5/9 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-TLC-JB2-AD-3	3/16 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-TLC-JB2-AD-3	5/22 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB2-PD-7	6/9 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB16-TD-1	3/16 – Additional Water Needed/Water Added 4/15 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB17-PD-7	5/22 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB16-AD-5	6/9 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB16-PD-2	3/16 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB16-AD-9	6/9 – Additional Water Needed/Water Added
FCC	FUGI- 137	8-JB9-PD-3	3/10 – Additional Water Needed/Water Added
Crude 1	FUGI- 144	1-JB5-AD-1	1/15 – Additional Water Needed/Water Added
HDH	FUGI- 147	32-JB2-PD-3	1/4 – Additional Water Needed/Water Added 2/25 – Additional Water Needed/Water Added
Sat Gas	FUGI- 102	10-JB2-TD-2	2/24 – Additional Water Needed/Water Added 3/3 – Additional Water needed/Water Added
H2 Plant	FUGI- 97	38-JB3-CO-1	6/21- Drain Needs Repair/Drain Repaired
Sat Gas	FGUI- 102	10-TLC-JB13-AD-3	2/25 – Additional Water Needed/Water Added
TTM	FUGI- 135	7S-JB-1	3/28 – Vault Need Caulking/Vault Repaired
TTM	FUGI- 135	7S-JB-1-TDWN	3/17 – Additional Water Needed/Water Added

Comments and Additional Information

SPPRC maintains segregated storm water systems in several of its tank farms. These areas are managed under the refinery's storm water and aboveground storage tank permits and are exempt from QQQ according to 40 CFR 60.692-1(d)(1). Inspections of tanks and their respective containment areas are performed in accordance with the respective permits. Any spill or release within a containment area is recovered or remediated and inspections of accumulated storm water are performed prior to any discharge from a containment basin. Inspection records are maintained as required by the AST and storm water permits.

Appendix A

Summary of Inspections

Title V Source Number: FUGI- 117

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	15	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
February	12	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
March	12	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
April	12	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
May	15	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
June	12	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A

Units included 7C

Title V Source Number: FUGI- 116

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	0	None			
February	0	None			
March	8	AGSL / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A
	2	CLOSEDVENT / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	TANK / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A
April	0	None			
May	8	AGSL / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A
	2	CLOSEDVENT / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	TANK / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A
June	0	None			

Units included API SEPARATOR

Title V Source Number: FUGI- 130

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	2	14B-JB4-TD / 14B-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	1	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A
February	2	14B-JB4-TD / 14B-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	1	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A
March	2	14B-JB4-TD / 14B-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	1	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A
April	2	14B-JB4-TD / 14B-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	24	FR DRAIN / QQQ-FR DRAIN-SEMIANNUAL	None	NoneRequired	N/A
	4	FR HATCH / QQQ-FR HATCH-SEMIANNUAL	None	NoneRequired	N/A
	1	FR SEAL / QQQ-FR SEAL-SEMIANNUAL	None	NoneRequired	N/A
	1	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A
May	2	14B-JB4-TD / 14B-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	1	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A
June	2	14B-JB4-TD / 14B-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	4	AGJBSEAL / AGJBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	AGSL / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	API-AGSLT2 / API-AGSL-T2	None	NoneRequired	N/A
	4	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	NFD-AGSL / NFD-AGSL	None	NoneRequired	N/A
	1	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A

Units included API SEPARATOR

Title V Source Number: FS47

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	0	None			
February	0	None			
March	0	None			
April	0	None			
May	0	None			
June	1	AGSL / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A

Units included API SEPARATOR

Title V Source Number: FUGI- 92

Month		Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
January	1	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	2	TLA-JB11-T / 14C-TLA-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	2	TLA-JB12-T / 14C-TLA-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	3	TLA-JB13-T / 14C-TLA-JB13-TDWN_MONTHLY	None	NoneRequired	N/A
	2	TLA-JB5-TD / 14C-TLA-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
February	2	TLA-JB11-T / 14C-TLA-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	2	TLA-JB12-T / 14C-TLA-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	3	TLA-JB13-T / 14C-TLA-JB13-TDWN_MONTHLY	None	NoneRequired	N/A
	2	TLA-JB5-TD / 14C-TLA-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
March	10	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	2	TLA-JB11-T / 14C-TLA-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	2	TLA-JB12-T / 14C-TLA-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	3	TLA-JB13-T / 14C-TLA-JB13-TDWN_MONTHLY	None	NoneRequired	N/A
	2	TLA-JB5-TD / 14C-TLA-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
April	1	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	2	TLA-JB11-T / 14C-TLA-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	2	TLA-JB12-T / 14C-TLA-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	3	TLA-JB13-T / 14C-TLA-JB13-TDWN_MONTHLY	None	NoneRequired	N/A
	2	TLA-JB5-TD / 14C-TLA-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
May	2	TLA-JB11-T / 14C-TLA-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	2	TLA-JB12-T / 14C-TLA-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	3	TLA-JB13-T / 14C-TLA-JB13-TDWN_MONTHLY	None	NoneRequired	N/A
	2	TLA-JB5-TD / 14C-TLA-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
June	2	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	2	TLA-JB11-T / 14C-TLA-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	2	TLA-JB12-T / 14C-TLA-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	3	TLA-JB13-T / 14C-TLA-JB13-TDWN_MONTHLY	None	NoneRequired	N/A
	2	TLA-JB5-TD / 14C-TLA-JB5-TDWN_MONTHLY	None	NoneRequired	N/A

Units included TRUNK LINE A

Title V Source Number: FUGI- 93

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	0	None			
February	0	None			
March	0	None			
April	0	None			
May	0	None			
June	1	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A

Units included API SEPARATOR

Title V Source Number: FUGI- 94

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	4	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	16	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	8	TD-PTRP-W / TD-PTRP-W_WEEKLY	None	NoneRequired	N/A
February	4	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	16	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	8	TD-PTRP-W / TD-PTRP-W_WEEKLY	None	NoneRequired	N/A
March	4	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	16	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	8	TD-PTRP-W / TD-PTRP-W_WEEKLY	None	NoneRequired	N/A
April	5	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	20	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	10	TD-PTRP-W / TD-PTRP-W_WEEKLY	None	NoneRequired	N/A
May	4	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	16	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	8	TD-PTRP-W / TD-PTRP-W_WEEKLY	None	NoneRequired	N/A
June	4	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	16	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	8	TD-PTRP-W / TD-PTRP-W_WEEKLY	None	NoneRequired	N/A

Units included DIB

Title V Source Number: FUGI- 95

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	2	3940-JB2-T / 39/40-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	5	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	5	CO-TSC / CO-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
	2	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	16	PD-TSC / PD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
February	2	3940-JB2-T / 39/40-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	4	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
March	2	3940-JB2-T / 39/40-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	4	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
April	2	3940-JB2-T / 39/40-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	4	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
May	2	3940-JB2-T / 39/40-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	5	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
June	2	3940-JB2-T / 39/40-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	4	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A

Units included SRU/SCOTT

Title V Source Number: FUGI- 96

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	3	37-JB1-TD / 37-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	4	37-JB2-TD / 37-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	37-JB3-TD / 37-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	3	37-JB4-TD / 37-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	3	37-JB5-TD / 37-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	3	37-JB6-TD / 37-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	8	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	10	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
February	3	37-JB1-TD / 37-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	4	37-JB2-TD / 37-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	37-JB3-TD / 37-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	3	37-JB4-TD / 37-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	3	37-JB5-TD / 37-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	3	37-JB6-TD / 37-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	8	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	10	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
March	3	37-JB1-TD / 37-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	4	37-JB2-TD / 37-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	37-JB3-TD / 37-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	3	37-JB4-TD / 37-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	3	37-JB5-TD / 37-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	3	37-JB6-TD / 37-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	8	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	10	CO-TSC / CO-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
	6	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	10	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	47	PD-TSC / PD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
April	3	37-JB1-TD / 37-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	4	37-JB2-TD / 37-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	37-JB3-TD / 37-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	3	37-JB4-TD / 37-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	3	37-JB5-TD / 37-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	3	37-JB6-TD / 37-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	10	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	10	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
May	3	37-JB1-TD / 37-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	4	37-JB2-TD / 37-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	37-JB3-TD / 37-JB3-TDWN_MONTHLY	None	NoneRequired	N/A

Title V Source Number: FUGI- 96

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
May	3	37-JB4-TD / 37-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	3	37-JB5-TD / 37-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	3	37-JB6-TD / 37-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	8	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	10	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
June	3	37-JB1-TD / 37-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	4	37-JB2-TD / 37-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	37-JB3-TD / 37-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	3	37-JB4-TD / 37-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	3	37-JB5-TD / 37-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	3	37-JB6-TD / 37-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	8	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	11	PD-IBWS-M / PD-IBWS-M_MONTHLY	1 - Total Deficiencies noted 1 - INVERTED BUCKET MISSING	1 - REPLACED INVERTED BUCKET	1 - Repairs completed within 24 hours of discovery

Units included DDS

Title V Source Number: FUGI- 97

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	4	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
February	4	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
March	4	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
April	5	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	15	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	3	CO-TSC / CO-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
	3	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	21	PD-TSC / PD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
May	4	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
June	4	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A

Units included HYDROGEN

Title V Source Number: FUGI- 134

Month		Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
January	1	PD-AGPTP-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	2	14B-JB1-TD / 14B-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	10	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	15	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A
February	1	PD-AGPTP-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	2	14B-JB1-TD / 14B-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	8	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A
March	1	PD-AGPTP-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	2	14B-JB1-TD / 14B-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	8	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A
April	1	PD-AGPTP-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	2	14B-JB1-TD / 14B-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	8	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A
May	1	PD-AGPTP-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	2	14B-JB1-TD / 14B-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	10	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	15	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A
June	1	PD-AGPTP-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	2	14B-JB1-TD / 14B-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	8	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	5	PD-TSC / PD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A

Units included API SEPARATOR ,T2-T9/T158-T159 AREA

Title V Source Number: FUGI- 135

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	3	7J-JB1-TD / 7J-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB2-TD / 7J-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB3-TD / 7J-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB4-TD / 7J-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	4	7J-JB5-TD / 7J-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	1	7J-JB8-TD / QQQ-7J-JB8-TDWN	None	NoneRequired	N/A
February	3	7J-JB1-TD / 7J-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB2-TD / 7J-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB3-TD / 7J-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB4-TD / 7J-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	4	7J-JB5-TD / 7J-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	1	7J-JB8-TD / QQQ-7J-JB8-TDWN	None	NoneRequired	N/A
March	3	7J-JB1-TD / 7J-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB2-TD / 7J-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB3-TD / 7J-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB4-TD / 7J-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	4	7J-JB5-TD / 7J-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	1	7J-JB8-TD / QQQ-7J-JB8-TDWN	None	NoneRequired	N/A
April	3	7J-JB1-TD / 7J-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB2-TD / 7J-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB3-TD / 7J-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB4-TD / 7J-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	4	7J-JB5-TD / 7J-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	1	7J-JB8-TD / QQQ-7J-JB8-TDWN	None	NoneRequired	N/A
May	3	7J-JB1-TD / 7J-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB2-TD / 7J-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB3-TD / 7J-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB4-TD / 7J-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	4	7J-JB5-TD / 7J-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	1	7J-JB8-TD / QQQ-7J-JB8-TDWN	None	NoneRequired	N/A
June	3	7J-JB1-TD / 7J-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB2-TD / 7J-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB3-TD / 7J-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	3	7J-JB4-TD / 7J-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	4	7J-JB5-TD / 7J-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	1	7J-JB8-TD / QQQ-7J-JB8-TDWN	None	NoneRequired	N/A
	4	AGJBSEAL / AGJBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	5	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A

Title V Source Number: FUGI- 135

Month	Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
June	2 PD-TSC / PD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A

Units included TRUCK LOADING RACK

Title V Source Number: FUGI- 136

Month	Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
January	2 AGJBSEAL / AGJBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	1 TLC-JB11-T / 14C-TLC-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
February	1 TLC-JB11-T / 14C-TLC-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
March	2 AGJBSEAL / AGJBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	4 JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	1 TLC-JB11-T / 14C-TLC-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
April	1 TLC-JB11-T / 14C-TLC-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
May	1 TLC-JB11-T / 14C-TLC-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
June	2 AGJBSEAL / AGJBSEAL_SEMI-ANNUALLY	1 - Total Deficiencies noted 1 - JB HAS A GAP, CRACK OR LEAK	1 - FILL GAP, CRACK OR LEAK WITH CAULKING	1 - Repairs completed within 24 hours of discovery
	7 JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	1 TLC-JB11-T / 14C-TLC-JB11-TDWN_MONTHLY	None	NoneRequired	N/A

Units included TRUNK LINE C

Title V Source Number: FUGI- 137

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	1	8-JB1-TD / 8-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	8-JB12-TD / 8-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	2	8-JB14-TD / 8-JB14-TDWN_MONTHLY	None	NoneRequired	N/A
	2	8-JB17-TD / 8-JB17-TDWN_MONTHLY	None	NoneRequired	N/A
	3	8-JB3-TD / 8-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	3	8-JB4-TD / 8-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	2	8-JB5-TD / 8-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	2	8-JB6-TD / 8-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	2	8-JB7-TD / 8-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	3	8-JB8-TD / 8-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	274	AD-IBWS-W / AD-IBWS-W_WEEKLY	2 - Total Deficiencies noted 2 - ADDITIONAL WATER NEEDED	2 - ADDED WATER	2 - Repairs completed within 24 hours of discovery
	16	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	21	PD-IBWS-M / PD-IBWS-M_MONTHLY	1 - Total Deficiencies noted 1 - ADDITIONAL WATER NEEDED	1 - ADDED WATER	1 - Repairs completed within 24 hours of discovery
	12	PD-IBWS-W / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	24	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	29	TD-IBWS-W / TD-IBWS-W_WEEKLY	1 - Total Deficiencies noted 1 - INVERTED BUCKET MISSING	1 - REPLACED INVERTED BUCKET	1 - Repairs completed within 24 hours of discovery
	12	TD-PTRP-W / TD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	TLA-JB5-TD / 14C-TLA-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
February	1	8-JB1-TD / 8-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	8-JB12-TD / 8-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	2	8-JB14-TD / 8-JB14-TDWN_MONTHLY	None	NoneRequired	N/A
	2	8-JB17-TD / 8-JB17-TDWN_MONTHLY	None	NoneRequired	N/A
	3	8-JB3-TD / 8-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	3	8-JB4-TD / 8-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	2	8-JB5-TD / 8-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	2	8-JB6-TD / 8-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	2	8-JB7-TD / 8-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	3	8-JB8-TD / 8-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	274	AD-IBWS-W / AD-IBWS-W_WEEKLY	2 - Total Deficiencies noted 2 - ADDITIONAL WATER NEEDED	2 - ADDED WATER	2 - Repairs completed within 24 hours of discovery
	16	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	20	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	9	PD-IBWS-W / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	24	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	28	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A

Title V Source Number: FUGI- 137

Month	Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
February	12 TD-PTRP-W / TD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1 TLA-JB5-TD / 14C-TLA-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
March	2 8-JB1-TD / 8-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB12-TD / 8-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB14-TD / 8-JB14-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB17-TD / 8-JB17-TDWN_MONTHLY	None	NoneRequired	N/A
	3 8-JB3-TD / 8-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	3 8-JB4-TD / 8-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB5-TD / 8-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB6-TD / 8-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB7-TD / 8-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	3 8-JB8-TD / 8-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	276 AD-IBWS-W / AD-IBWS-W_WEEKLY	4 - Total Deficiencies noted 4 - ADDITIONAL WATER NEEDED	4 - ADDED WATER	4 - Repairs completed within 24 hours of discovery
	1 AGSL / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A
	16 CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4 CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	17 JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	20 PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	9 PD-IBWS-W / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	24 PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	5 PD-TSC / PD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
	28 TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12 TD-PTRP-W / TD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1 TLA-JB5-TD / 14C-TLA-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
April	1 8-JB1-TD / 8-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB12-TD / 8-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB14-TD / 8-JB14-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB17-TD / 8-JB17-TDWN_MONTHLY	None	NoneRequired	N/A
	3 8-JB3-TD / 8-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	3 8-JB4-TD / 8-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB5-TD / 8-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB6-TD / 8-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB7-TD / 8-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	3 8-JB8-TD / 8-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	344 AD-IBWS-W / AD-IBWS-W_WEEKLY	4 - Total Deficiencies noted 2 - ADDITIONAL WATER NEEDED 2 - INVERTED BUCKET MISSING	2 - ADDED WATER 2 - REPLACED INVERTED BUCKET TO PROVIDE SEAL	4 - Repairs completed within 24 hours of discovery
	20 CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	5 CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A

Title V Source Number: FUGI- 137

Month	Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
April	22 PD-IBWS-M / PD-IBWS-M_MONTHLY	2 - Total Deficiencies noted 2 - INVERTED BUCKET MISSING	2 - REPLACED INVERTED BUCKET	2 - Repairs completed within 24 hours of discovery
	12 PD-IBWS-W / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	30 PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	35 TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	15 TD-PTRP-W / TD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1 TLA-JB5-TD / 14C-TLA-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
May	1 8-JB1-TD / 8-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB12-TD / 8-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB14-TD / 8-JB14-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB17-TD / 8-JB17-TDWN_MONTHLY	None	NoneRequired	N/A
	3 8-JB3-TD / 8-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	3 8-JB4-TD / 8-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB5-TD / 8-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB6-TD / 8-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB7-TD / 8-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	3 8-JB8-TD / 8-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	273 AD-IBWS-W / AD-IBWS-W_WEEKLY	1 - Total Deficiencies noted 1 - INVERTED BUCKET MISSING	1 - REPLACED INVERTED BUCKET TO PROVIDE SEAL	1 - Repairs completed within 24 hours of discovery
	16 CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4 CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	20 PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	6 PD-IBWS-W / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	24 PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	28 TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12 TD-PTRP-W / TD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1 TLA-JB5-TD / 14C-TLA-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
June	1 8-JB1-TD / 8-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB12-TD / 8-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB14-TD / 8-JB14-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB17-TD / 8-JB17-TDWN_MONTHLY	None	NoneRequired	N/A
	3 8-JB3-TD / 8-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	3 8-JB4-TD / 8-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB5-TD / 8-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB6-TD / 8-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	2 8-JB7-TD / 8-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	3 8-JB8-TD / 8-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	272 AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	16 CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A

Title V Source Number: FUGI- 137

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
June	4	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	20	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	9	PD-IBWS-W / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	24	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	28	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	TD-PTRP-W / TD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	TD-TSC / TD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	TLA-JB5-TD / 14C-TLA-JB5-TDWN_MONTHLY	None	NoneRequired	N/A

Units included CAT CRACKER

Title V Source Number: FUGI- 138

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	3	2-JB1-TD / 2-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	2-JB2-TD / 2-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	4	2-JB6-TD / 2-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	65	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	10	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	6	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	5	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	3	PD-VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	10	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	10	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A
February	3	2-JB1-TD / 2-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	2-JB2-TD / 2-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	4	2-JB6-TD / 2-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	52	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	AGJBSEAL / AGJBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	8	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	6	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	4	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	6	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	4	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2	PD-TSC / PD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
	3	PD-VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	8	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	8	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	AGJBSEAL / AGJBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	PD-TSC / PD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A
March	3	2-JB1-TD / 2-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	2-JB2-TD / 2-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	4	2-JB6-TD / 2-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	52	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	8	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	6	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	4	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	3	PD-VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	8	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A

Title V Source Number: FUGI- 138

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
March	8	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A
April	3	2-JB1-TD / 2-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	2-JB2-TD / 2-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	4	2-JB6-TD / 2-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	52	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	8	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	6	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	4	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	3	PD-VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	8	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	8	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A
May	3	2-JB1-TD / 2-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	2-JB2-TD / 2-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	4	2-JB6-TD / 2-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	65	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	10	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	7	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	1 - Total Deficiencies noted 1 - VALVE IS OPEN	1 - CLOSED VALVE	1 - Repairs completed within 24 hours of discovery
	5	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	3	PD-VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	10	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	10	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A
June	3	2-JB1-TD / 2-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	2-JB2-TD / 2-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	4	2-JB6-TD / 2-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	53	AD-IBWS-W / AD-IBWS-W_WEEKLY	1 - Total Deficiencies noted 1 - INVERTED BUCKET MISSING	1 - REPLACED INVERTED BUCKET TO PROVIDE SEAL	1 - Repairs completed within 24 hours of discovery
	8	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	6	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	4	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	3	PD-VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	8	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	8	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A

Title V Source Number: FUGI- 138

Month	Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
June	1 VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A

Units included CRUDE #2 ,CRUDE #2 TAIL GAS CO

Title V Source Number: FUGI- 139

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	10	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	5	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2	7S-JB1-TD / 7S-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	1	AD-VALVE / AD-VALVE_MONTHLY	None	NoneRequired	N/A
	5	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
February	8	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2	7S-JB1-TD / 7S-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	1	AD-VALVE / AD-VALVE_MONTHLY	None	NoneRequired	N/A
	5	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
March	8	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2	7S-AGSL / 7S-AGSL	1 - Total Deficiencies noted 1 - AGSL HAS GAP, CRACK OR A LEAK	1 - REPAIRED ABOVEGROUND SEWER LINE	1 - Repairs completed within 13 days of discovery
	2	7S-JB1-TD / 7S-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	1	AD-VALVE / AD-VALVE_MONTHLY	None	NoneRequired	N/A
	5	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
April	8	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2	7S-JB1-TD / 7S-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	1	AD-VALVE / AD-VALVE_MONTHLY	None	NoneRequired	N/A
	5	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
May	10	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	5	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2	7S-JB1-TD / 7S-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	1	AD-VALVE / AD-VALVE_MONTHLY	None	NoneRequired	N/A
	5	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
June	8	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	7S-AGSL / 7S-AGSL	None	NoneRequired	N/A
	2	7S-JB1-TD / 7S-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	1	AD-VALVE / AD-VALVE_MONTHLY	None	NoneRequired	N/A
	4	AGJBSEAL / AGJBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	5	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	2	PD-TSC / PD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A

Units included FIRE TRAINING AREA ,SOUTH TANK FARM

Title V Source Number: FUGI- 101

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	5	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	35	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
February	4	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	28	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
March	4	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	28	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
April	4	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	28	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
May	5	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	35	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
June	4	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	AGSL / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A
	28	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	CO-TSC / CO-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	14	PD-TSC / PD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A

Units included SULFUR UNIT #3

Title V Source Number: FUGI- 142

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	2	16-JB1-TD / 16-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	40	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2	AGSL / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	CO-TSC / CO-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
	2	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	5	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
February	2	16-JB1-TD / 16-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	33	AD-IBWS-W / AD-IBWS-W_WEEKLY	1 - Total Deficiencies noted 1 - ADDITIONAL WATER NEEDED	1 - ADDED WATER	1 - Repairs completed within 24 hours of discovery
	4	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
March	2	16-JB1-TD / 16-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	32	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
April	2	16-JB1-TD / 16-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	32	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
May	2	16-JB1-TD / 16-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	42	AD-IBWS-W / AD-IBWS-W_WEEKLY	2 - Total Deficiencies noted 2 - ADDITIONAL WATER NEEDED	2 - ADDED WATER	2 - Repairs completed within 24 hours of discovery
	5	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
June	2	16-JB1-TD / 16-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	34	AD-IBWS-W / AD-IBWS-W_WEEKLY	2 - Total Deficiencies noted 2 - ADDITIONAL WATER NEEDED	2 - ADDED WATER	2 - Repairs completed within 24 hours of discovery
	4	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A

Units included BOILER PLANT

Title V Source Number: FUGI- 143

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	1	7C-JB3-TD / 7C-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	15	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	AGSL / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A
	10	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	5	CB-IBWS-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	3	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	10	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	LS-VALVE / LS-VALVE_MONTHLY	None	NoneRequired	N/A
	2	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A
	1	TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	2	VALVE / VALVE-MONTHLY	None	NoneRequired	N/A
February	1	7C-JB3-TD / 7C-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	12	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	AGSL / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A
	8	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	CB-IBWS-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	3	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	8	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	LS-VALVE / LS-VALVE_MONTHLY	None	NoneRequired	N/A
	2	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A
	1	TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	2	VALVE / VALVE-MONTHLY	None	NoneRequired	N/A
March	1	7C-JB3-TD / 7C-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	12	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	6	AGJBSEAL / AGJBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	AGSL / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A
	8	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	CB-IBWS-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	3	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	8	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	LS-VALVE / LS-VALVE_MONTHLY	None	NoneRequired	N/A
	2	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A
	1	TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	2	VALVE / VALVE-MONTHLY	None	NoneRequired	N/A
April	1	7C-JB3-TD / 7C-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	12	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	AGSL / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A
	8	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	CB-IBWS-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A

Title V Source Number: FUGI- 143

Month		Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
April	3	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	8	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	LS-VALVE / LS-VALVE_MONTHLY	None	NoneRequired	N/A
	2	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A
	1	TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	2	VALVE / VALVE-MONTHLY	None	NoneRequired	N/A
May	1	7C-JB3-TD / 7C-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	15	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	AGSL / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A
	10	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	5	CB-IBWS-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	3	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	10	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	LS-VALVE / LS-VALVE_MONTHLY	None	NoneRequired	N/A
	2	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A
	1	TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	2	VALVE / VALVE-MONTHLY	None	NoneRequired	N/A
June	1	7C-JB3-TD / 7C-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	12	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	AGSL / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A
	8	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	CB-IBWS-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	3	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	8	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	LS-VALVE / LS-VALVE_MONTHLY	None	NoneRequired	N/A
	2	TD-VALVE / TD-VALVE_MONTHLY	None	NoneRequired	N/A
	1	TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	2	VALVE / VALVE-MONTHLY	None	NoneRequired	N/A

Units included CENTRAL TANK FARM

Title V Source Number: FUGI- 144

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	2	1-JB1-TD / 1-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB2-TD / 1-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB3-TD / 1-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB4-TD / 1-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	3	1-JB5-TD / 1-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	1	1-JB8-V-1 / 1-JB8-V-1_MONTHLY	None	NoneRequired	N/A
	3	1-JB9-TD / 1-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	120	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	5	AD-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	10	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	5	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	5	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	12	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	5	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	15	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
February	2	1-JB1-TD / 1-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB2-TD / 1-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB3-TD / 1-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB4-TD / 1-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	3	1-JB5-TD / 1-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	1	1-JB8-V-1 / 1-JB8-V-1_MONTHLY	None	NoneRequired	N/A
	3	1-JB9-TD / 1-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	96	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	AD-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	8	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	2	AGJBSEAL / AGJBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	AGSL / AGSL_SEMI-ANNUALLY	None	NoneRequired	N/A
	4	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	3	CO-TSC / CO-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
	6	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	12	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	4	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	5	PD-TSC / PD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A

Title V Source Number: FUGI- 144

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
February	12	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
March	2	1-JB1-TD / 1-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB2-TD / 1-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB3-TD / 1-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB4-TD / 1-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	3	1-JB5-TD / 1-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	1	1-JB8-V-1 / 1-JB8-V-1_MONTHLY	None	NoneRequired	N/A
	3	1-JB9-TD / 1-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	96	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	AD-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	8	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	4	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	12	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	4	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
April	2	1-JB1-TD / 1-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB2-TD / 1-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB3-TD / 1-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB4-TD / 1-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	3	1-JB5-TD / 1-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	1	1-JB8-V-1 / 1-JB8-V-1_MONTHLY	None	NoneRequired	N/A
	3	1-JB9-TD / 1-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	96	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	AD-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	8	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	4	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	12	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	4	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
May	2	1-JB1-TD / 1-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB2-TD / 1-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB3-TD / 1-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB4-TD / 1-JB4-TDWN_MONTHLY	None	NoneRequired	N/A

Title V Source Number: FUGI- 144

Month		Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
May	3	1-JB5-TD / 1-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	1	1-JB8-V-1 / 1-JB8-V-1_MONTHLY	None	NoneRequired	N/A
	3	1-JB9-TD / 1-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	120	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	5	AD-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	10	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	5	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	5	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	12	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	5	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	15	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
June	2	1-JB1-TD / 1-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB2-TD / 1-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB3-TD / 1-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	2	1-JB4-TD / 1-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	3	1-JB5-TD / 1-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	1	1-JB8-V-1 / 1-JB8-V-1_MONTHLY	None	NoneRequired	N/A
	3	1-JB9-TD / 1-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	96	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	AD-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	8	AD-PTRP-W / AD-PTRP-W_WEEKLY	None	NoneRequired	N/A
	4	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	CB-PTRP-W / CB-PTRP-W_WEEKLY	None	NoneRequired	N/A
	1	CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	12	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	4	PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A

Units included CRUDE #1

Title V Source Number: FUGI- 145

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	28	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
February	28	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
March	28	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
April	35	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	15	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
May	28	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
June	28	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A

Units included DEHEX

Title V Source Number: FUGI- 146

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	3	29-JB2-TD / 29-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	4	29-JB3-TD / 29-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	4	29-JB4-TD / 29-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	4	29-JB5-TD / 29-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	3	29-JB6-TD / 29-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	3	29-JB7-TD / 29-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	3	29-JB8-TD / 29-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	2	29-JB9-TD / 29-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	32	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	9	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	1	PD-VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	4	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	TLC-JB11-T / 14C-TLC-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
February	3	29-JB2-TD / 29-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	4	29-JB3-TD / 29-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	4	29-JB4-TD / 29-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	4	29-JB5-TD / 29-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	3	29-JB6-TD / 29-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	3	29-JB7-TD / 29-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	3	29-JB8-TD / 29-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	2	29-JB9-TD / 29-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	32	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	9	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	1	PD-VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	4	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	TLC-JB11-T / 14C-TLC-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
March	3	29-JB2-TD / 29-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	4	29-JB3-TD / 29-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	4	29-JB4-TD / 29-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	4	29-JB5-TD / 29-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	3	29-JB6-TD / 29-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	3	29-JB7-TD / 29-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	3	29-JB8-TD / 29-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	2	29-JB9-TD / 29-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	32	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A

Title V Source Number: FUGI- 146

Month	Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
March	4 PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1 PD-IBWS-M / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	9 PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	1 PD-VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	4 TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1 TLC-JB11-T / 14C-TLC-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
April	3 29-JB2-TD / 29-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	4 29-JB3-TD / 29-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	4 29-JB4-TD / 29-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	4 29-JB5-TD / 29-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	3 29-JB6-TD / 29-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	3 29-JB7-TD / 29-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	3 29-JB8-TD / 29-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	2 29-JB9-TD / 29-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	40 AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4 PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1 PD-IBWS-M / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	11 PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	2 - Total Deficiencies noted 2 - VALVE IS OPEN	2 - CLOSED VALVE	2 - Repairs completed within 24 hours of discovery
	1 PD-VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	5 TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1 TLC-JB11-T / 14C-TLC-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
May	3 29-JB2-TD / 29-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	4 29-JB3-TD / 29-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	4 29-JB4-TD / 29-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	4 29-JB5-TD / 29-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	3 29-JB6-TD / 29-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	3 29-JB7-TD / 29-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	3 29-JB8-TD / 29-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	2 29-JB9-TD / 29-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	32 AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4 PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1 PD-IBWS-M / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	9 PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	1 PD-VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	4 TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1 TLC-JB11-T / 14C-TLC-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
June	3 29-JB2-TD / 29-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	4 29-JB3-TD / 29-JB3-TDWN_MONTHLY	None	NoneRequired	N/A

Title V Source Number: FUGI- 146

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
June	4	29-JB4-TD / 29-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	4	29-JB5-TD / 29-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	3	29-JB6-TD / 29-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	3	29-JB7-TD / 29-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	3	29-JB8-TD / 29-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	2	29-JB9-TD / 29-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	32	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	9	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	4	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	9	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	1	PD-VALVE / PD-VALVE_MONTHLY	None	NoneRequired	N/A
	4	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	TLC-JB11-T / 14C-TLC-JB11-TDWN_MONTHLY	None	NoneRequired	N/A

Units included REFORMER #1

Title V Source Number: FUGI- 147

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	3	32-JB2-TD / 32-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	32-JB3-TD / 32-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	2	32-JB5-TD / 32-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	28	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	6	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	12	PD-IBWS-WV / PD-IBWS-VALVE_WEEKLY	None	NoneRequired	N/A
	28	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
February	3	32-JB2-TD / 32-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	32-JB3-TD / 32-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	2	32-JB5-TD / 32-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	28	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	6	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	12	PD-IBWS-WV / PD-IBWS-VALVE_WEEKLY	None	NoneRequired	N/A
	28	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
March	3	32-JB2-TD / 32-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	32-JB3-TD / 32-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	2	32-JB5-TD / 32-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	28	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	6	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	12	PD-IBWS-WV / PD-IBWS-VALVE_WEEKLY	None	NoneRequired	N/A
	28	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
April	3	32-JB2-TD / 32-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	32-JB3-TD / 32-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	2	32-JB5-TD / 32-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	35	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	15	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	5	CO-TSC / CO-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
	2	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	2	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	6	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	15	PD-IBWS-WV / PD-IBWS-VALVE_WEEKLY	None	NoneRequired	N/A
	1	PD-TSC / PD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
	35	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A

May	3	32-JB2-TD / 32-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	32-JB3-TD / 32-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	2	32-JB5-TD / 32-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	28	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	6	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	12	PD-IBWS-WV / PD-IBWS-VALVE_WEEKLY	None	NoneRequired	N/A
	28	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
June	3	32-JB2-TD / 32-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	32-JB3-TD / 32-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	2	32-JB5-TD / 32-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	28	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	6	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	12	PD-IBWS-WV / PD-IBWS-VALVE_WEEKLY	None	NoneRequired	N/A
	28	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A

Units included HDH

Title V Source Number: FUGI- 148

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	3	28-JB4-TD / 28-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	10	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	5	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	105	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	5	AD-PTP-VP / AD-PTP-VP	None	NoneRequired	N/A
	1	PD-AGPTP-M / PD-AGPTP-M	None	NoneRequired	N/A
	1	PD-AGPTP-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	7	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	4	PD-TSC / PD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
February	3	28-JB4-TD / 28-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	8	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	4	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	84	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	AD-PTP-VP / AD-PTP-VP	None	NoneRequired	N/A
	1	PD-AGPTP-M / PD-AGPTP-M	None	NoneRequired	N/A
	1	PD-AGPTP-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	7	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
March	3	28-JB4-TD / 28-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	8	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	4	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	84	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	AD-PTP-VP / AD-PTP-VP	None	NoneRequired	N/A
	1	PD-AGPTP-M / PD-AGPTP-M	None	NoneRequired	N/A
	1	PD-AGPTP-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	7	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
April	3	28-JB4-TD / 28-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	8	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	4	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	105	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	5	AD-PTP-VP / AD-PTP-VP	None	NoneRequired	N/A
	1	PD-AGPTP-M / PD-AGPTP-M	None	NoneRequired	N/A
	1	PD-AGPTP-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	7	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A

Title V Source Number: FUGI- 148

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
May	3	28-JB4-TD / 28-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	10	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	5	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	84	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	AD-PTP-VP / AD-PTP-VP	None	NoneRequired	N/A
	1	PD-AGPTP-M / PD-AGPTP-M	None	NoneRequired	N/A
	1	PD-AGPTP-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	7	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
June	3	28-JB4-TD / 28-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	8	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	4	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	4	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	84	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	AD-PTP-VP / AD-PTP-VP	None	NoneRequired	N/A
	3	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	PD-AGPTP-M / PD-AGPTP-M	None	NoneRequired	N/A
	1	PD-AGPTP-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	7	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A

Units included ALKY SPLITTER ,HF ALKY

Title V Source Number: FUGI- 149

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	2	35-JB1-TD / 35-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB10-TD / 35-JB10-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB11-TD / 35-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB2-TD / 35-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB3-TD / 35-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	6	35-JB4-TD / 35-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB5-TD / 35-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	5	35-JB6-TD / 35-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	2	35-JB7-TD / 35-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB8-TD / 35-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB9-TD / 35-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	24	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	32	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	3	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	8	PD-IBWS-WV / PD-IBWS-VALVE_WEEKLY	None	NoneRequired	N/A
February	2	35-JB1-TD / 35-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB10-TD / 35-JB10-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB11-TD / 35-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB2-TD / 35-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB3-TD / 35-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	6	35-JB4-TD / 35-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB5-TD / 35-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	5	35-JB6-TD / 35-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	2	35-JB7-TD / 35-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB8-TD / 35-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB9-TD / 35-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	24	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	32	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	3	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	8	PD-IBWS-WV / PD-IBWS-VALVE_WEEKLY	None	NoneRequired	N/A
March	2	35-JB1-TD / 35-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB10-TD / 35-JB10-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB11-TD / 35-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB2-TD / 35-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB3-TD / 35-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	6	35-JB4-TD / 35-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB5-TD / 35-JB5-TDWN_MONTHLY	None	NoneRequired	N/A

Title V Source Number: FUGI- 149

Month		Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
March	5	35-JB6-TD / 35-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	2	35-JB7-TD / 35-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB8-TD / 35-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB9-TD / 35-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	24	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	32	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	3	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	8	PD-IBWS-WV / PD-IBWS-VALVE_WEEKLY	None	NoneRequired	N/A
April	2	35-JB1-TD / 35-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB10-TD / 35-JB10-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB11-TD / 35-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB2-TD / 35-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB3-TD / 35-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	6	35-JB4-TD / 35-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB5-TD / 35-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	5	35-JB6-TD / 35-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	2	35-JB7-TD / 35-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB8-TD / 35-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB9-TD / 35-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	30	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	40	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	3	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	10	PD-IBWS-WV / PD-IBWS-VALVE_WEEKLY	None	NoneRequired	N/A
May	2	35-JB1-TD / 35-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB10-TD / 35-JB10-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB11-TD / 35-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB2-TD / 35-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB3-TD / 35-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	6	35-JB4-TD / 35-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB5-TD / 35-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	5	35-JB6-TD / 35-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	2	35-JB7-TD / 35-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB8-TD / 35-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB9-TD / 35-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	24	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	32	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	4	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A

Title V Source Number: FUGI- 149

Month		Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
May	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	3	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	8	PD-IBWS-WV / PD-IBWS-VALVE_WEEKLY	None	NoneRequired	N/A
	17	PD-TSC / PD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
June	2	35-JB1-TD / 35-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB10-TD / 35-JB10-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB11-TD / 35-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB2-TD / 35-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB3-TD / 35-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	6	35-JB4-TD / 35-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB5-TD / 35-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	5	35-JB6-TD / 35-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	2	35-JB7-TD / 35-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	4	35-JB8-TD / 35-JB8-TDWN_MONTHLY	None	NoneRequired	N/A
	3	35-JB9-TD / 35-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
	24	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	32	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	3	PD-IBWS-MV / PD-IBWS-VALVE_MONTHLY	None	NoneRequired	N/A
	8	PD-IBWS-WV / PD-IBWS-VALVE_WEEKLY	None	NoneRequired	N/A

Units included ISOMERIZATION

Title V Source Number: FUGI- 150

Month		Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
January	6	36-JB1-TD / 36-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	36-JB2-TD / 36-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	36-JB4-TD / 36-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	5	36-JB6-TD / 36-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	6	36-JB7-TD / 36-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	4	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	16	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
February	6	36-JB1-TD / 36-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	36-JB2-TD / 36-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	36-JB4-TD / 36-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	5	36-JB6-TD / 36-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	6	36-JB7-TD / 36-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	4	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	16	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
March	6	36-JB1-TD / 36-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	36-JB2-TD / 36-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	36-JB4-TD / 36-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	5	36-JB6-TD / 36-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	6	36-JB7-TD / 36-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	4	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	16	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
April	6	36-JB1-TD / 36-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	36-JB2-TD / 36-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	36-JB4-TD / 36-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	5	36-JB6-TD / 36-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	6	36-JB7-TD / 36-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	5	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	20	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	15	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
May	6	36-JB1-TD / 36-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	36-JB2-TD / 36-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	36-JB4-TD / 36-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	5	36-JB6-TD / 36-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	6	36-JB7-TD / 36-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	4	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A

Title V Source Number: FUGI- 150

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
May	16	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	12	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
June	6	36-JB1-TD / 36-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
	2	36-JB2-TD / 36-JB2-TDWN_MONTHLY	None	NoneRequired	N/A
	2	36-JB4-TD / 36-JB4-TDWN_MONTHLY	None	NoneRequired	N/A
	5	36-JB6-TD / 36-JB6-TDWN_MONTHLY	None	NoneRequired	N/A
	6	36-JB7-TD / 36-JB7-TDWN_MONTHLY	None	NoneRequired	N/A
	4	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	16	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	3	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	2	PD-TSC / PD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
	12	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A

Units included REFORMER #2

Title V Source Number: FUGI- 102

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	48	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	28	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
February	48	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	28	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
March	48	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	28	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
April	60	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	35	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
May	48	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	28	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
June	48	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	28	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A

Units included SATGAS

Title V Source Number: FUGI- 103

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	15	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	PD-TSC / PD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
February	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	13	AD-IBWS-W / AD-IBWS-W_WEEKLY	1 - Total Deficiencies noted 1 - INVERTED BUCKET MISSING	1 - REPLACED INVERTED BUCKET TO PROVIDE SEAL	1 - Repairs completed within 24 hours of discovery
March	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	12	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
April	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	12	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
May	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	15	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
June	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	12	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A

Units included SULFUR & AMINE

Title V Source Number: FUGI- 104

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	25	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	9	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
February	24	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	8	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
March	24	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	8	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
April	29	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	10	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
May	25	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	8	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
June	2	AGJBSEAL / AGJBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	24	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	8	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A

Units included TRUNK LINE B

Title V Source Number: FUGI- 105

Month	Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
January	1 JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	1 TLD-JB1-TD / 14C-TLD-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
February	1 TLD-JB1-TD / 14C-TLD-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
March	1 TLD-JB1-TD / 14C-TLD-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
April	1 TLD-JB1-TD / 14C-TLD-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
May	1 TLD-JB1-TD / 14C-TLD-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
June	1 TLD-JB1-TD / 14C-TLD-JB1-TDWN_MONTHLY	None	NoneRequired	N/A

Units included TRUNK LINE D

Title V Source Number: FUGI- 106

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	4	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1	VALVE / VALVE-MONTHLY	None	NoneRequired	N/A
February	4	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1	VALVE / VALVE-MONTHLY	None	NoneRequired	N/A
March	4	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1	VALVE / VALVE-MONTHLY	None	NoneRequired	N/A
April	5	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1	VALVE / VALVE-MONTHLY	None	NoneRequired	N/A
May	4	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1	VALVE / VALVE-MONTHLY	None	NoneRequired	N/A
June	4	AD-IBWS-W / AD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2	AGJBSEAL / AGJBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
	1	VALVE / VALVE-MONTHLY	None	NoneRequired	N/A

Units included TRUNK LINE E

Title V Source Number: FUGI- 107

Month	Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
January	4 CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	10 CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2 JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	15 TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1 TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	1 TLF-JB12-T / 14C-TLF-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	2 TLF-JB5-TD / 14C-TLF-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	2 TLF-JB9-TD / 14C-TLF-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
February	4 CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	8 CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	13 TD-IBWS-W / TD-IBWS-W_WEEKLY	1 - Total Deficiencies noted 1 - INVERTED BUCKET MISSING	1 - REPLACED INVERTED BUCKET	1 - Repairs completed within 24 hours of discovery
	1 TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	1 TLF-JB12-T / 14C-TLF-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	2 TLF-JB5-TD / 14C-TLF-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	2 TLF-JB9-TD / 14C-TLF-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
March	4 CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	8 CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	14 TD-IBWS-W / TD-IBWS-W_WEEKLY	2 - Total Deficiencies noted 2 - INVERTED BUCKET MISSING	2 - REPLACED INVERTED BUCKET	2 - Repairs completed within 24 hours of discovery
	1 TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	1 TLF-JB12-T / 14C-TLF-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	2 TLF-JB5-TD / 14C-TLF-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	2 TLF-JB9-TD / 14C-TLF-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
April	5 CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	8 CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	14 TD-IBWS-W / TD-IBWS-W_WEEKLY	2 - Total Deficiencies noted 2 - INVERTED BUCKET MISSING	2 - REPLACED INVERTED BUCKET	2 - Repairs completed within 24 hours of discovery
	1 TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	1 TLF-JB12-T / 14C-TLF-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	2 TLF-JB5-TD / 14C-TLF-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	2 TLF-JB9-TD / 14C-TLF-JB9-TDWN_MONTHLY	None	NoneRequired	N/A
May	4 CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	10 CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	17 TD-IBWS-W / TD-IBWS-W_WEEKLY	2 - Total Deficiencies noted 2 - INVERTED BUCKET MISSING	2 - REPLACED INVERTED BUCKET	2 - Repairs completed within 24 hours of discovery
	1 TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	1 TLF-JB12-T / 14C-TLF-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	2 TLF-JB5-TD / 14C-TLF-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	2 TLF-JB9-TD / 14C-TLF-JB9-TDWN_MONTHLY	None	NoneRequired	N/A

June	1	AGJBSEAL / AGJBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	4	CB-IBWS-W / CB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	8	CJB-IBWS-W / CJB-IBWS-W_WEEKLY	None	NoneRequired	N/A
	7	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	PD-TSC / PD-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
	12	TD-IBWS-W / TD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	1	TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	1	TLF-JB12-T / 14C-TLF-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
	2	TLF-JB5-TD / 14C-TLF-JB5-TDWN_MONTHLY	None	NoneRequired	N/A
	2	TLF-JB9-TD / 14C-TLF-JB9-TDWN_MONTHLY	None	NoneRequired	N/A

Units included TRUNK LINE F

Title V Source Number: FUGI- 108

Month	Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
January	2 TLG-JB1-TD / 14C-TLG-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
February	4 JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	2 TLG-JB1-TD / 14C-TLG-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
March	2 AGJBSEAL / AGJBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	3 JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	2 TLG-JB1-TD / 14C-TLG-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
April	2 TLG-JB1-TD / 14C-TLG-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
May	2 TLG-JB1-TD / 14C-TLG-JB1-TDWN_MONTHLY	None	NoneRequired	N/A
June	2 TLG-JB1-TD / 14C-TLG-JB1-TDWN_MONTHLY	None	NoneRequired	N/A

Units included TRUNK LINE G

Title V Source Number: FUGI- 109

Month	Item(s) Inspected		Deficiencies Noted	Corrective Action(s) Taken	Comments
January	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	1	16-JB4-TD / 16-JB4-TDWN_MONTHLY-48	None	NoneRequired	N/A
	1	CO-TSC / CO-TSC_SEMI-ANNUALLY	None	NoneRequired	N/A
	1	JBSEAL / JBSEAL_SEMI-ANNUALLY	None	NoneRequired	N/A
	5	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
February	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	1	16-JB4-TD / 16-JB4-TDWN_MONTHLY-48	None	NoneRequired	N/A
	5	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
March	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	1	16-JB4-TD / 16-JB4-TDWN_MONTHLY-48	None	NoneRequired	N/A
	5	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
April	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	1	16-JB4-TD / 16-JB4-TDWN_MONTHLY-48	None	NoneRequired	N/A
	5	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
May	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	1	16-JB4-TD / 16-JB4-TDWN_MONTHLY-48	None	NoneRequired	N/A
	5	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A
June	1	16-JB3-TD / 16-JB3-TDWN_MONTHLY	None	NoneRequired	N/A
	1	16-JB4-TD / 16-JB4-TDWN_MONTHLY-48	None	NoneRequired	N/A
	5	PD-IBWS-M / PD-IBWS-M_MONTHLY	None	NoneRequired	N/A

Units included WEST SOFTENER BLDG

Title V Source Number: FUGI- 110

Month	Item(s) Inspected	Deficiencies Noted	Corrective Action(s) Taken	Comments
January	5 AD-FARPTP- / QQQ-AD-FARPTP--01	None	NoneRequired	N/A
	6 CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	10 PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2 TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	3 TLF-JB12-T / 14C-TLF-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
February	4 AD-FARPTP- / QQQ-AD-FARPTP--01	None	NoneRequired	N/A
	6 CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	8 PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2 TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	3 TLF-JB12-T / 14C-TLF-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
March	4 AD-FARPTP- / QQQ-AD-FARPTP--01	None	NoneRequired	N/A
	6 CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	8 PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2 TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	3 TLF-JB12-T / 14C-TLF-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
April	4 AD-FARPTP- / QQQ-AD-FARPTP--01	None	NoneRequired	N/A
	6 CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	10 PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2 TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	3 TLF-JB12-T / 14C-TLF-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
May	5 AD-FARPTP- / QQQ-AD-FARPTP--01	None	NoneRequired	N/A
	6 CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	8 PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2 TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	3 TLF-JB12-T / 14C-TLF-JB12-TDWN_MONTHLY	None	NoneRequired	N/A
June	4 AD-FARPTP- / QQQ-AD-FARPTP--01	None	NoneRequired	N/A
	6 CB-VALVE / CB-VALVE_MONTHLY	None	NoneRequired	N/A
	8 PD-IBWS-W / PD-IBWS-W_WEEKLY	None	NoneRequired	N/A
	2 TLF-JB11-T / 7-TLF-JB11-TDWN_MONTHLY	None	NoneRequired	N/A
	3 TLF-JB12-T / 14C-TLF-JB12-TDWN_MONTHLY	None	NoneRequired	N/A

Units included FIRE TRAINING AREA ,MIXING AND BLENDING